OIPE
DEC 01 2003
PATENT & TRADEMARK OFFICE 840

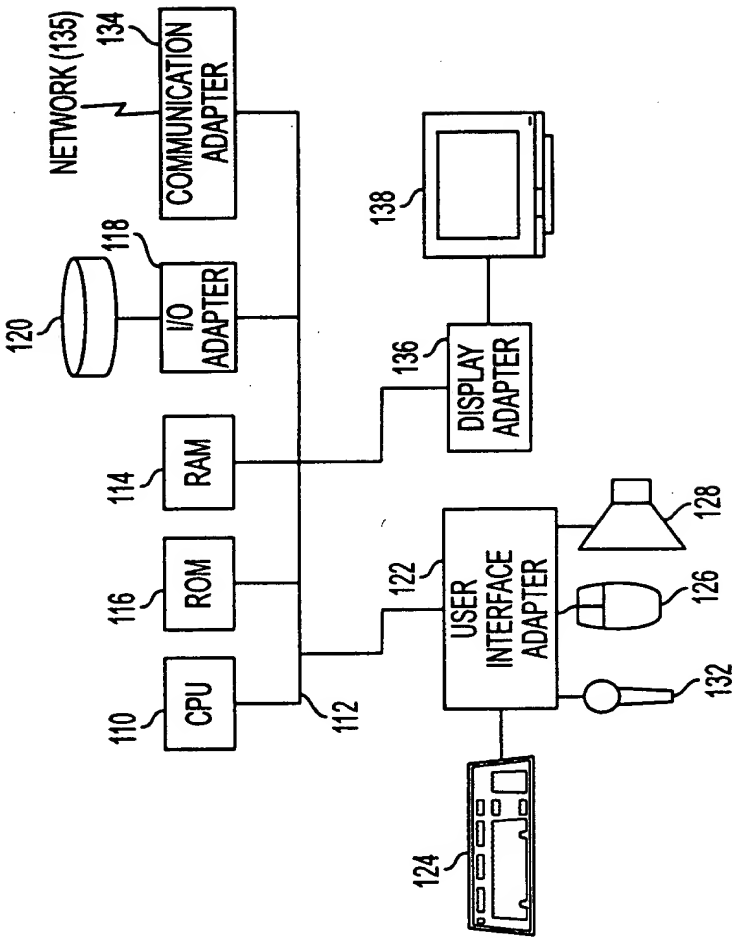


FIG. 1

PATENT & TRADEMARK OFFICE
DEC 0 1 2003
O I P E

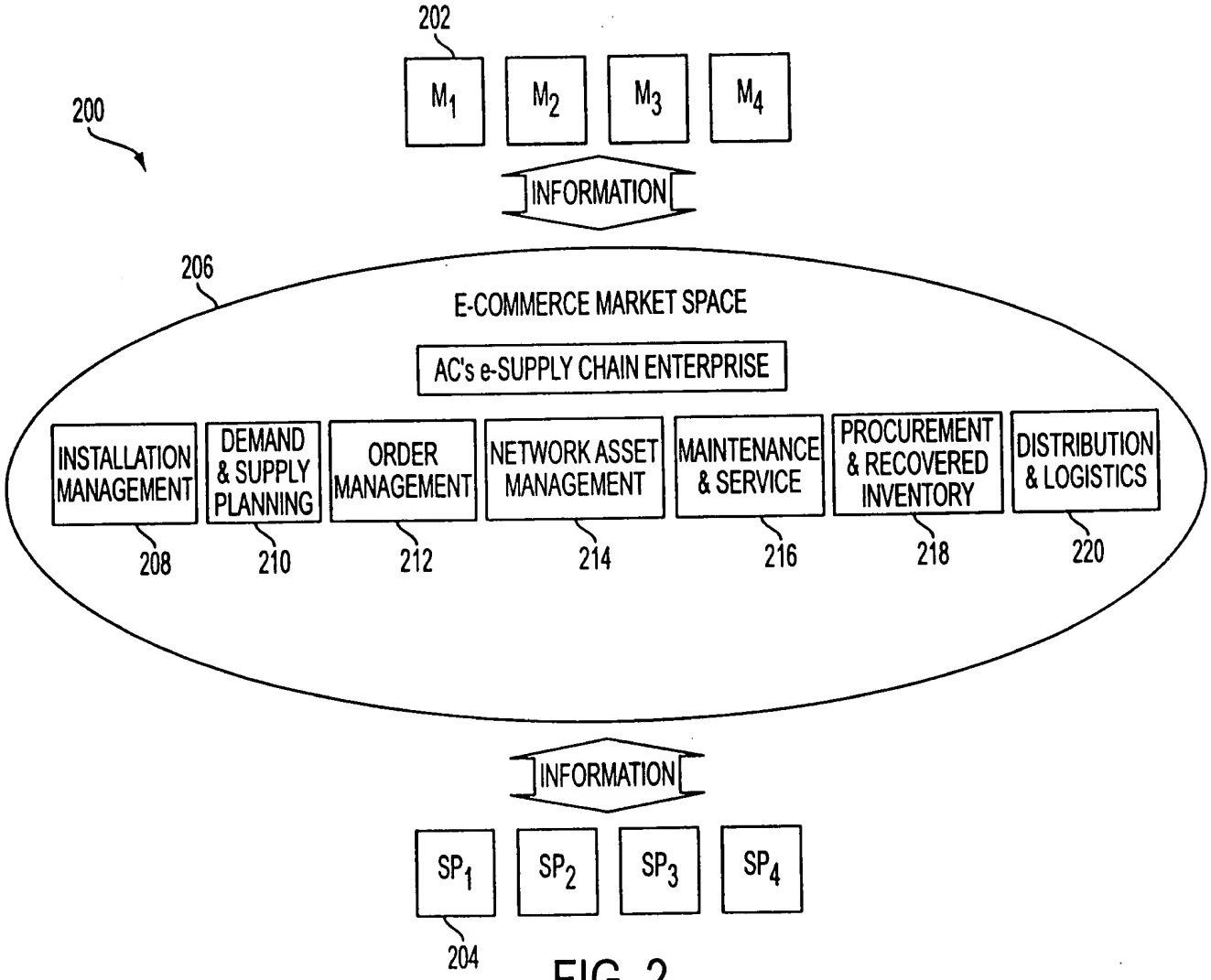


FIG. 2

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

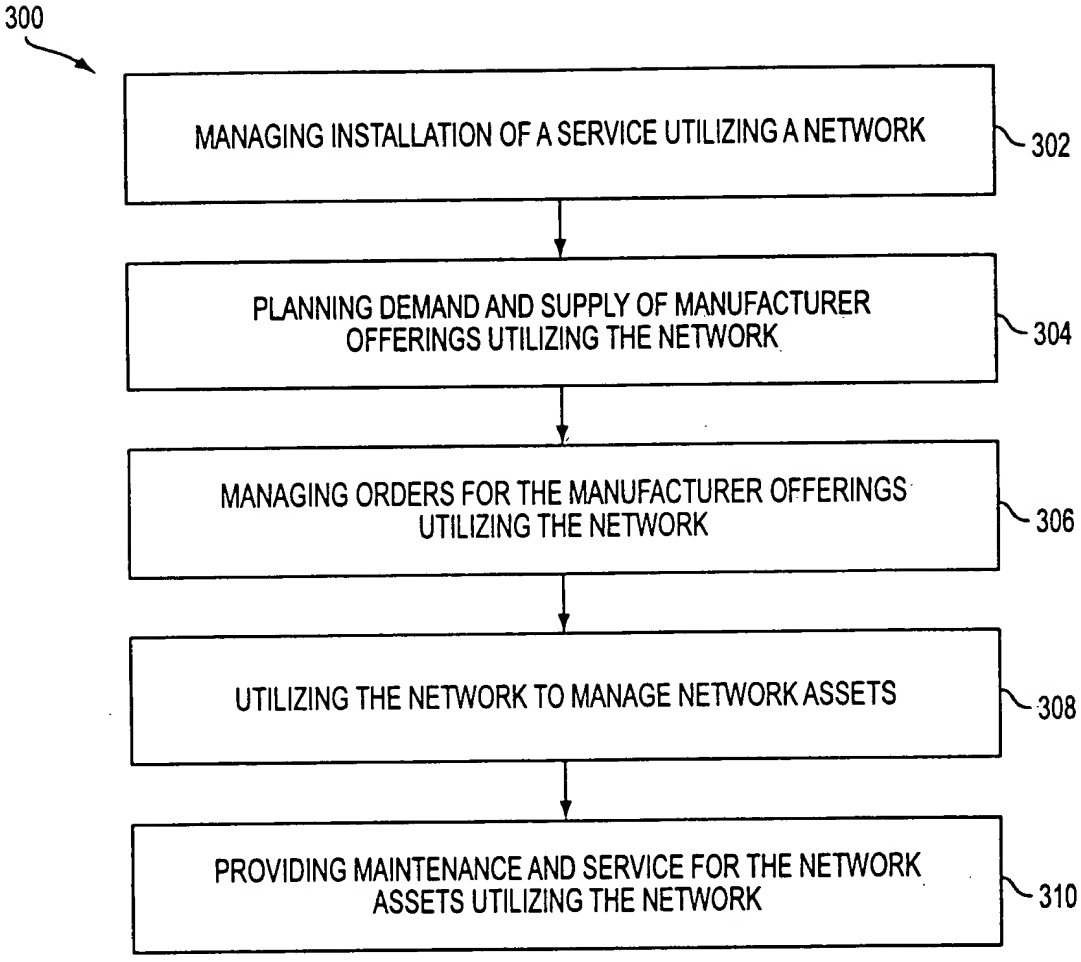


FIG. 3

PATENT & TRADEMARK OFFICE
DEC 01 2003
OIPE

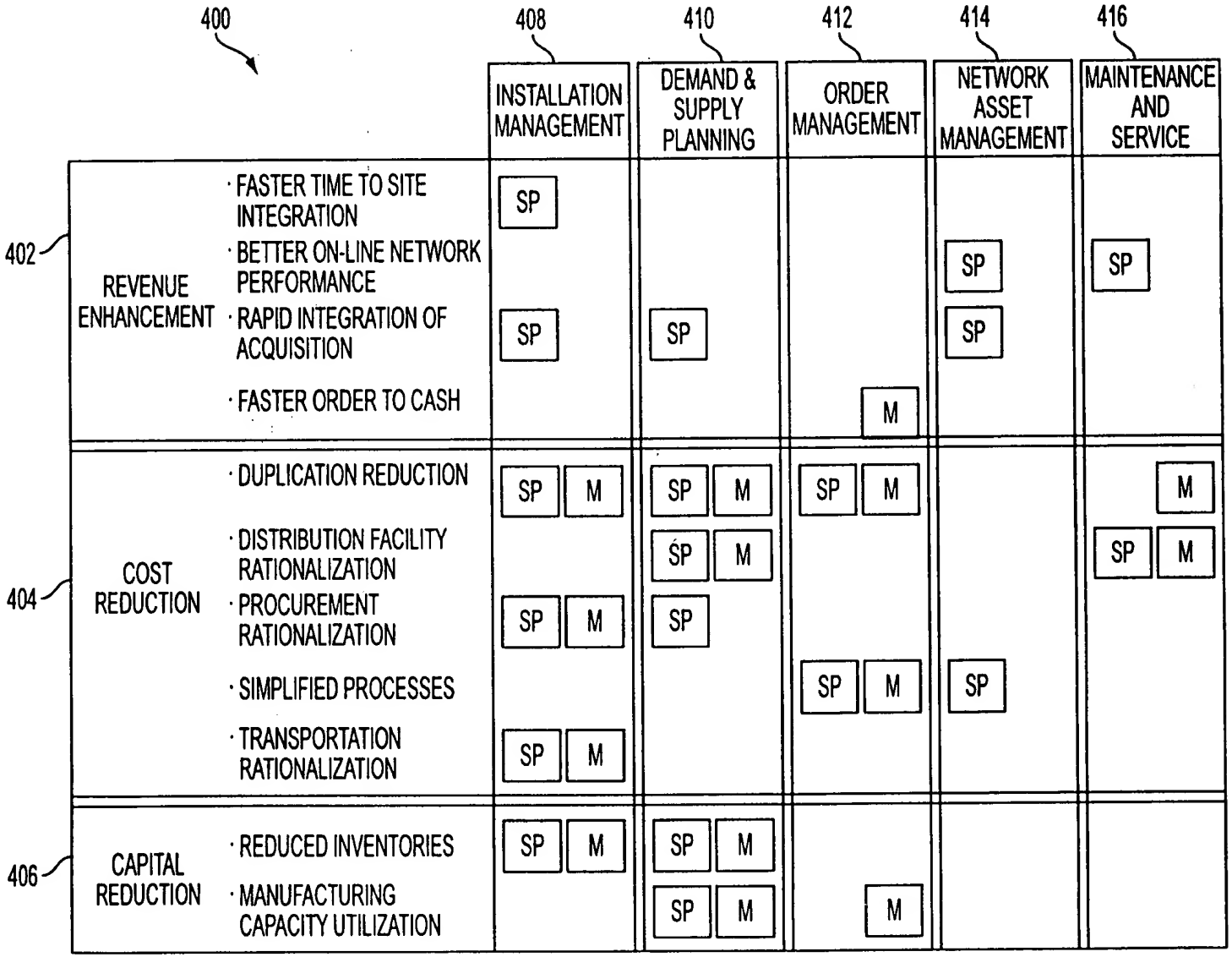


FIG. 4

PATENT & TRADEMARK OFFICE
DEC 01 2003
JC48 OIPE

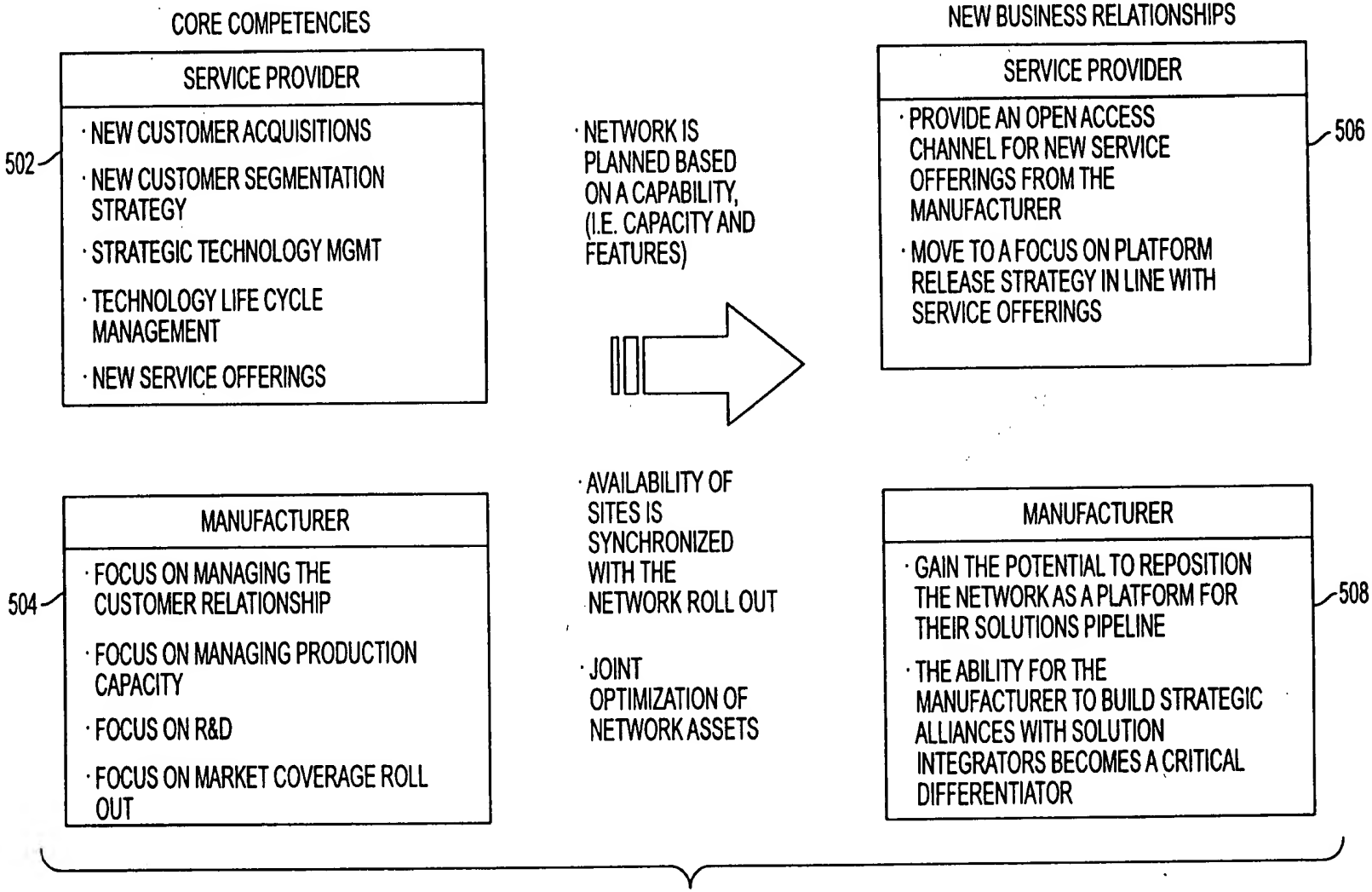


FIG. 5

PATENT & TRADEMARK OFFICE
DEC 01 2003
OIPE
JC48

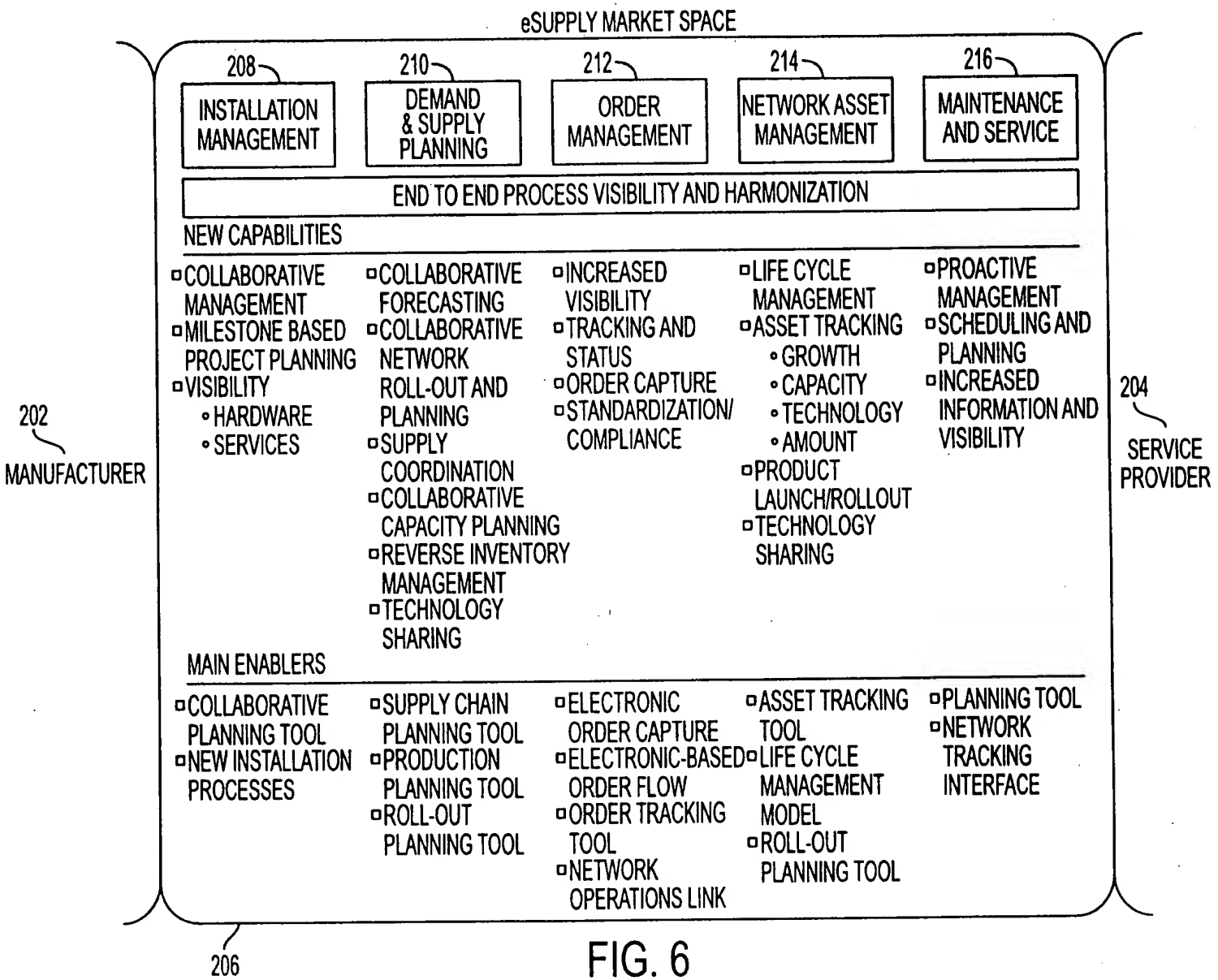


FIG. 6

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC48

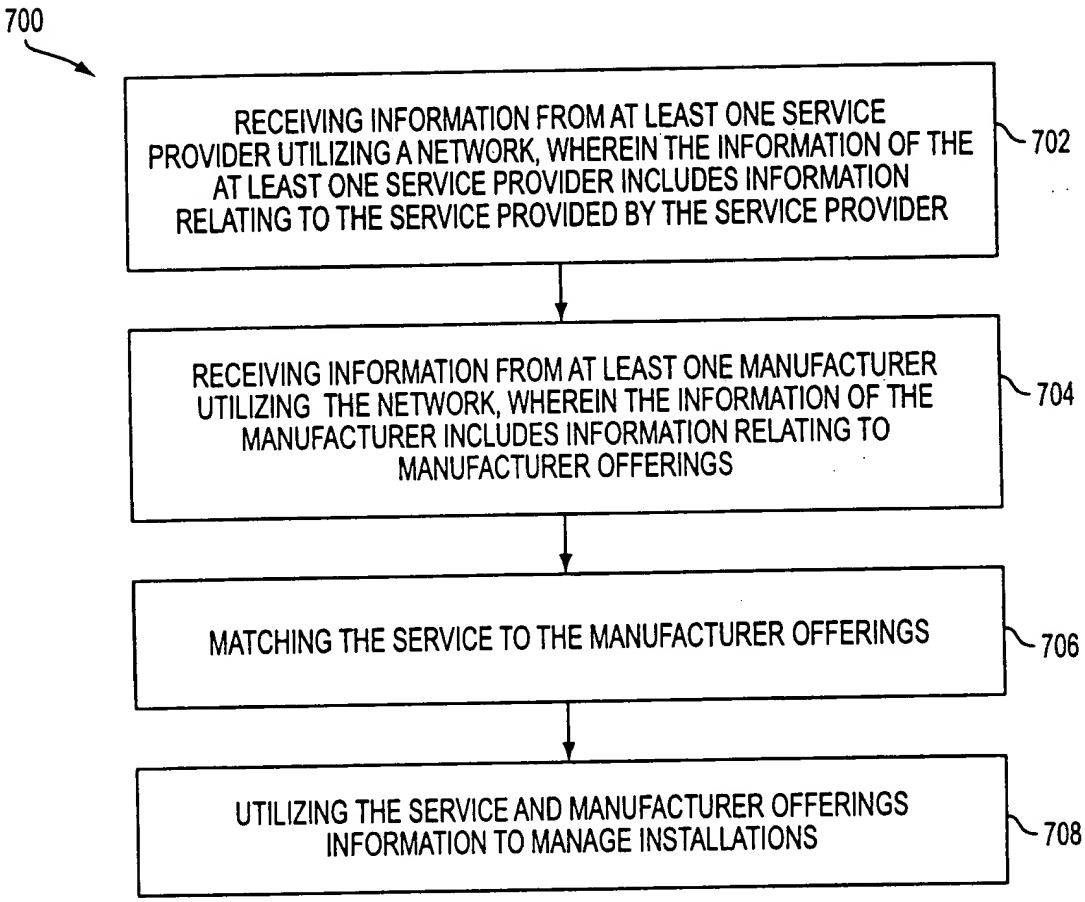


FIG. 7

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

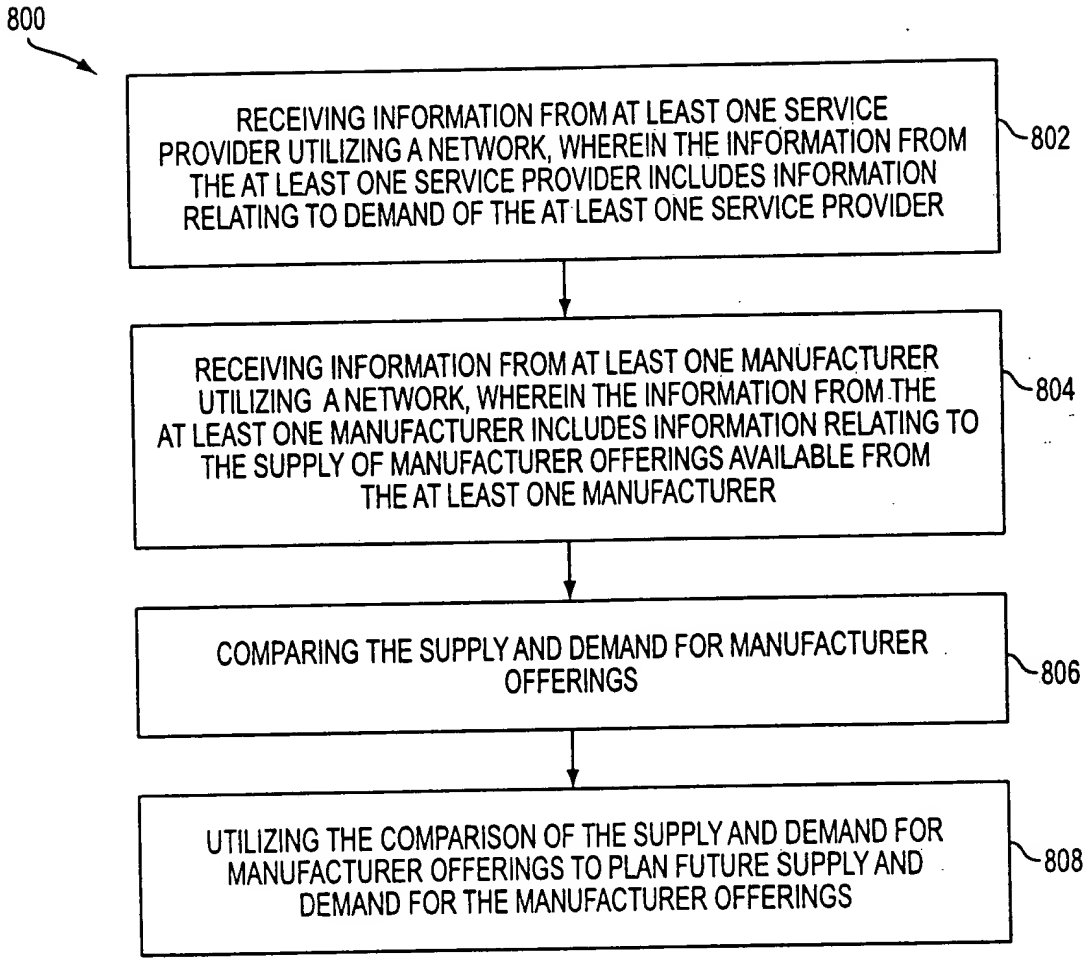


FIG. 8

OIPE
DEC 10 1 2003
JC48
PATENT & TRADEMARK OFFICE

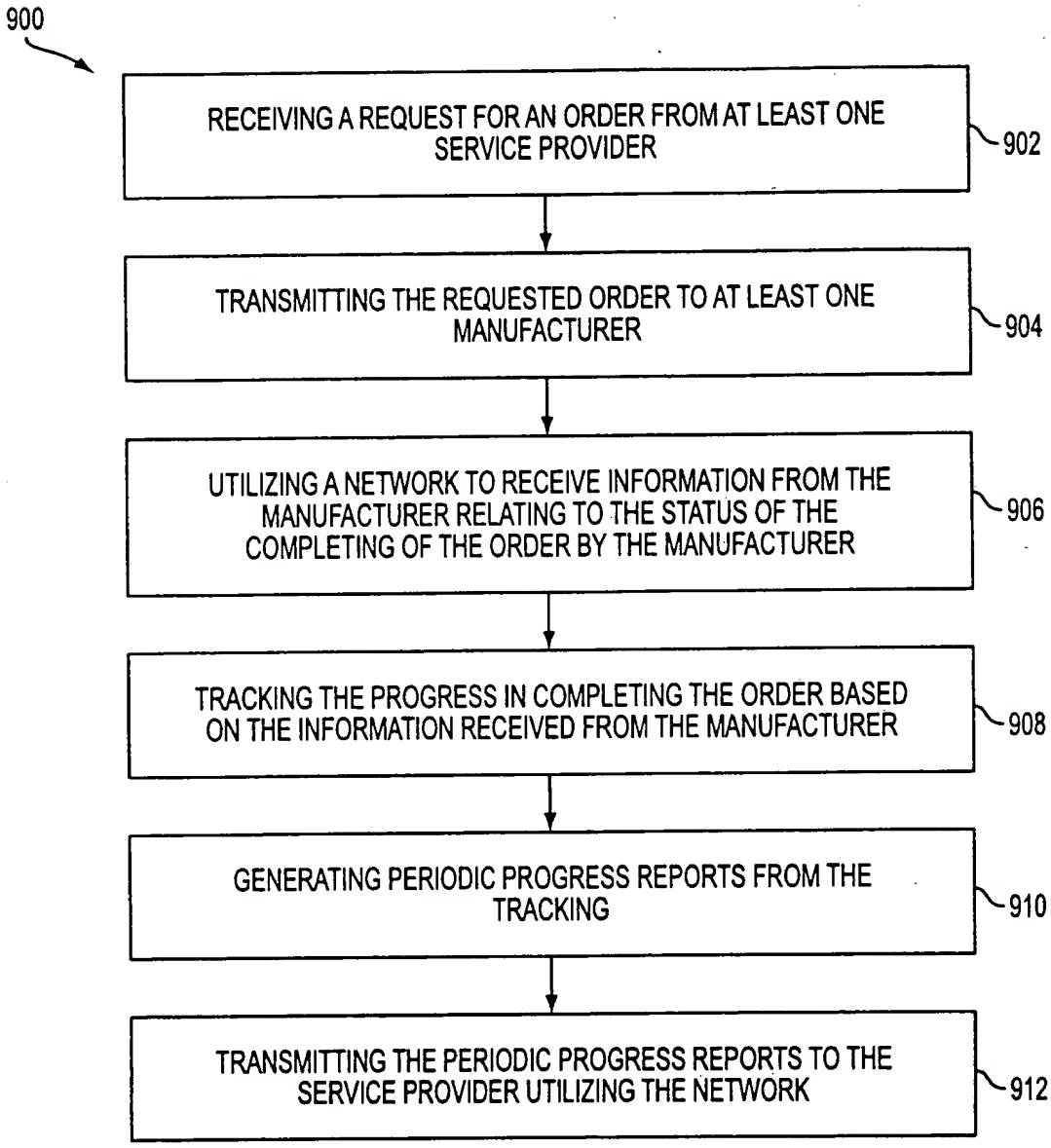


FIG. 9

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC48

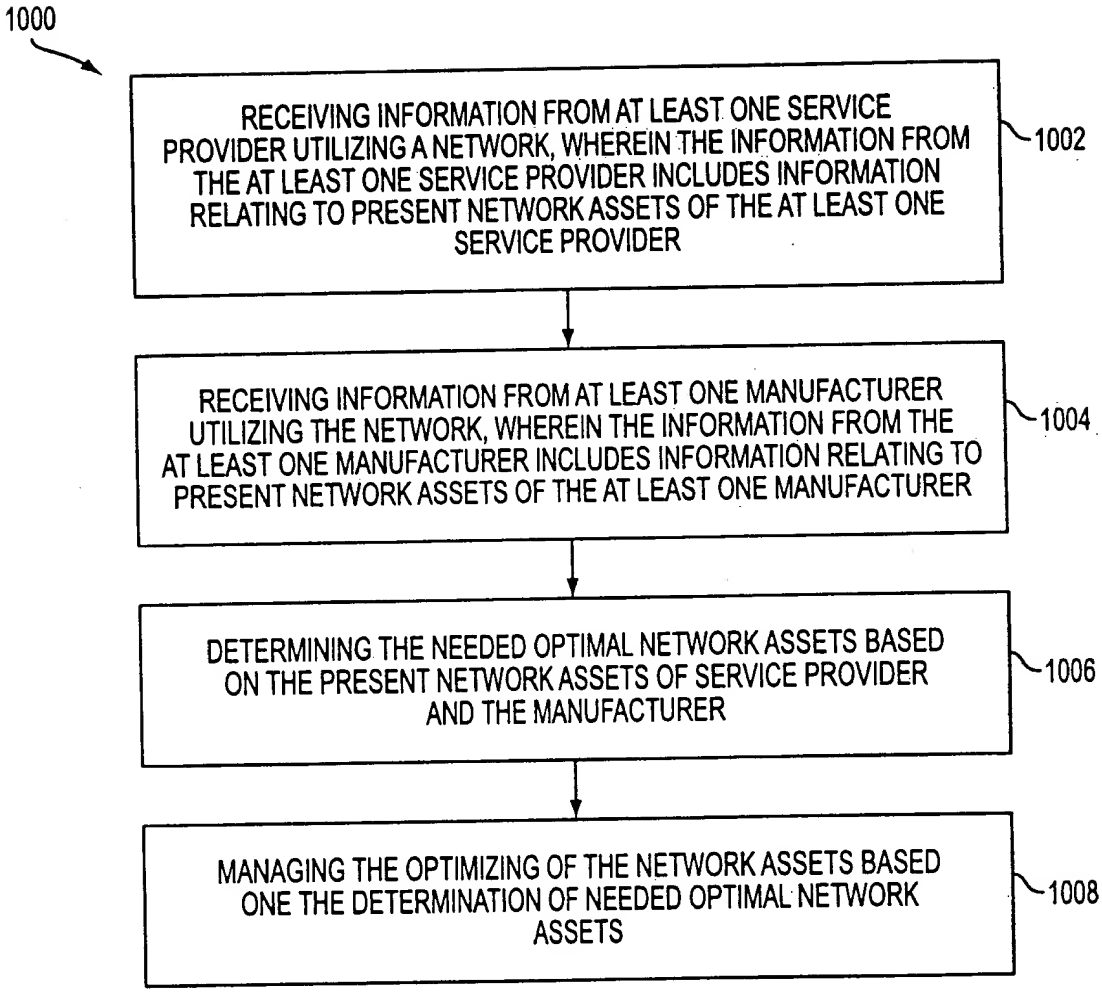


FIG. 10

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC48

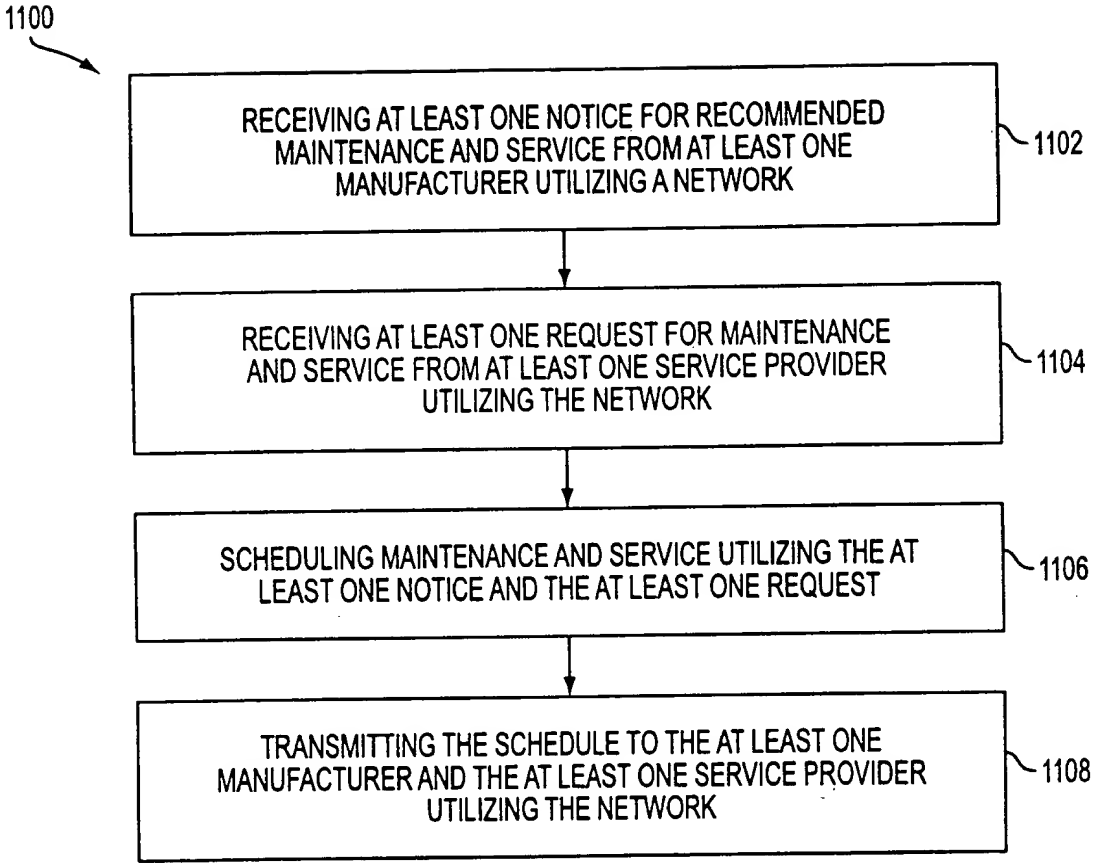


FIG. 11

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

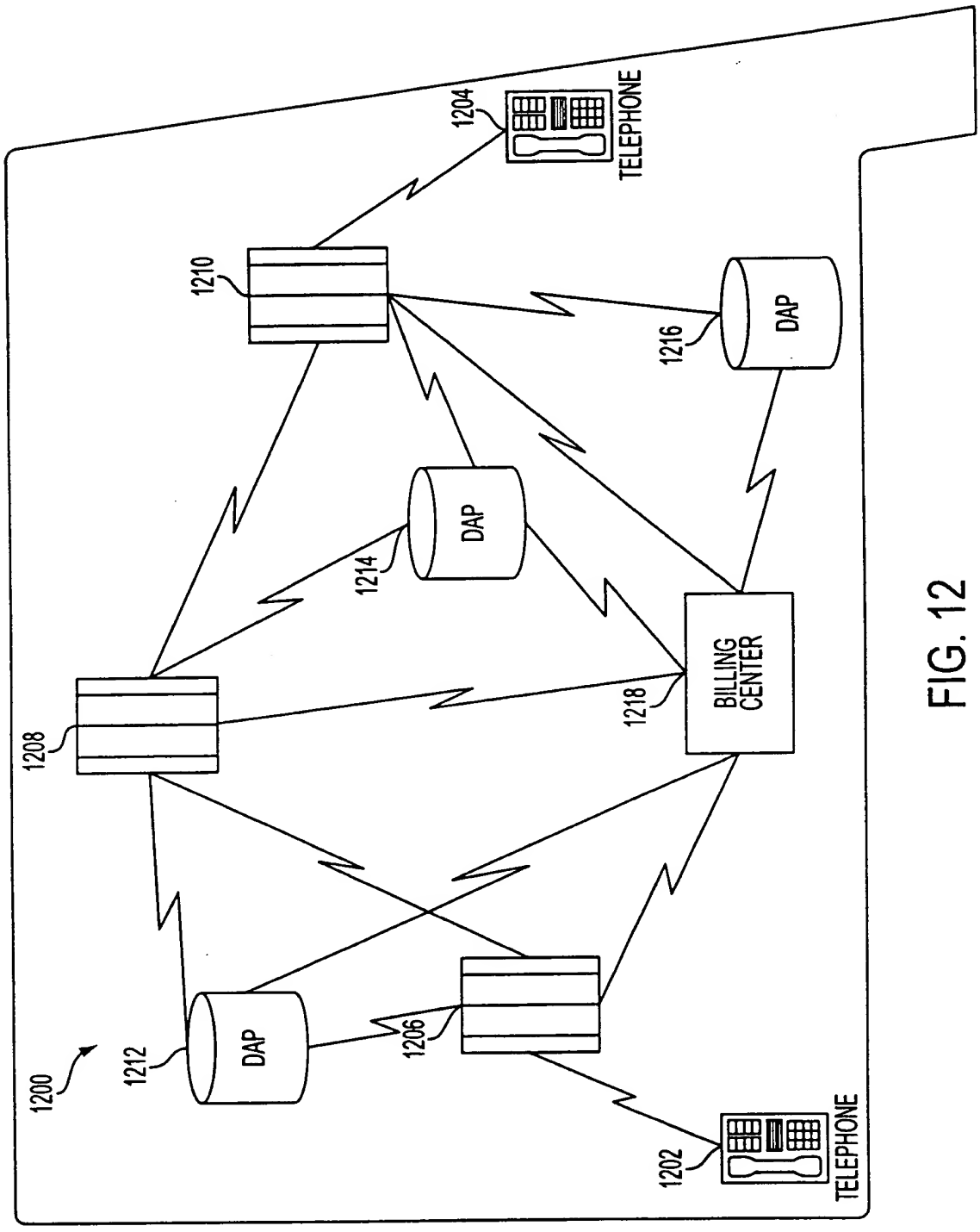


FIG. 12

PATENT & TRADEMARK OFFICE
DEC 0 1 2003
O I P E
JC48

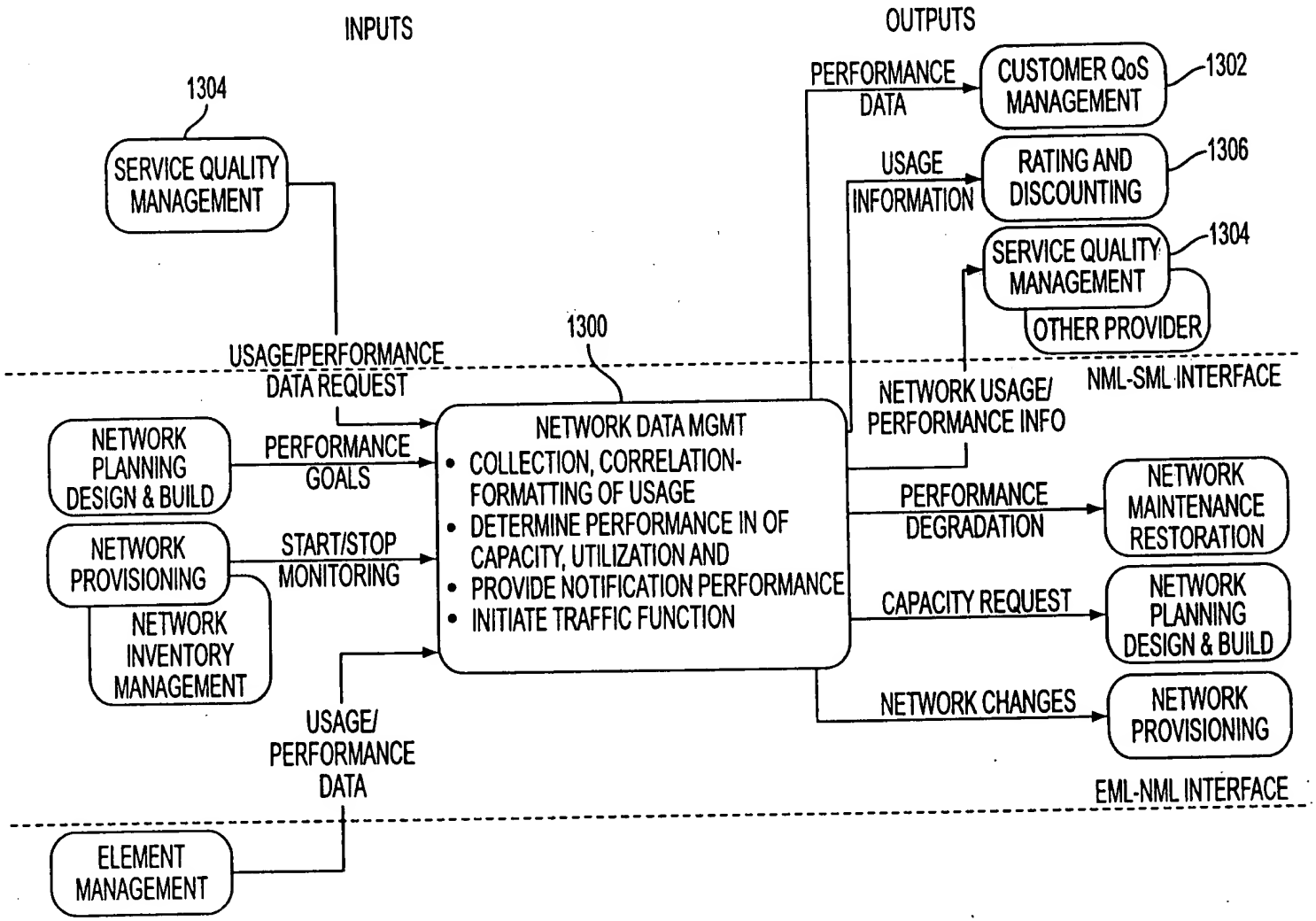


FIG. 13

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

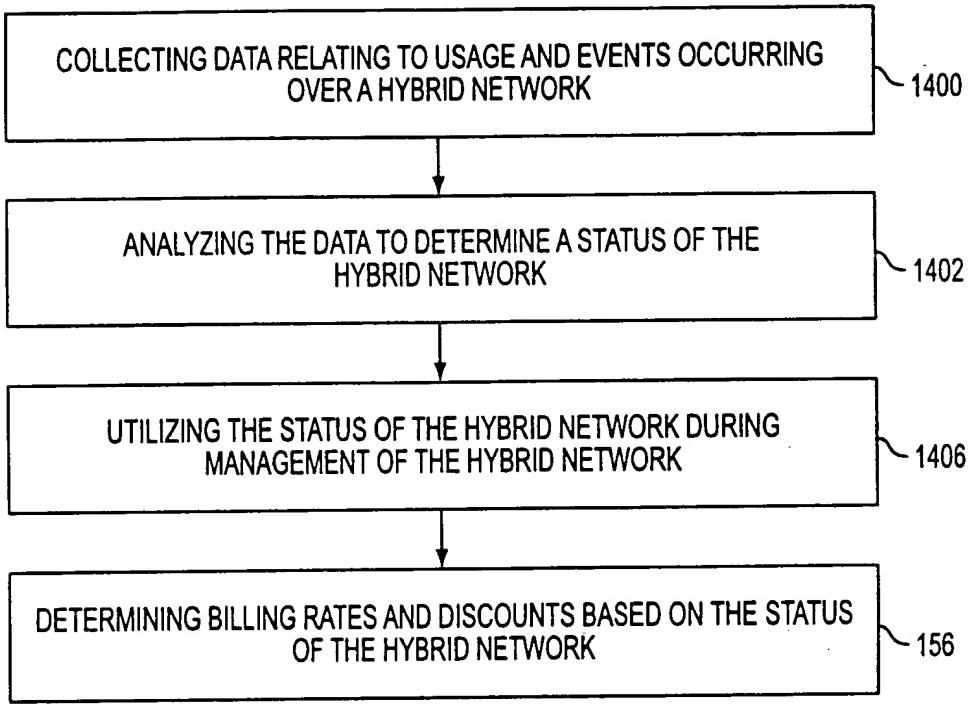


FIG. 14

PATENT & TRADEMARK OFFICE
DEC 0 1 2003
OIPE
JC48

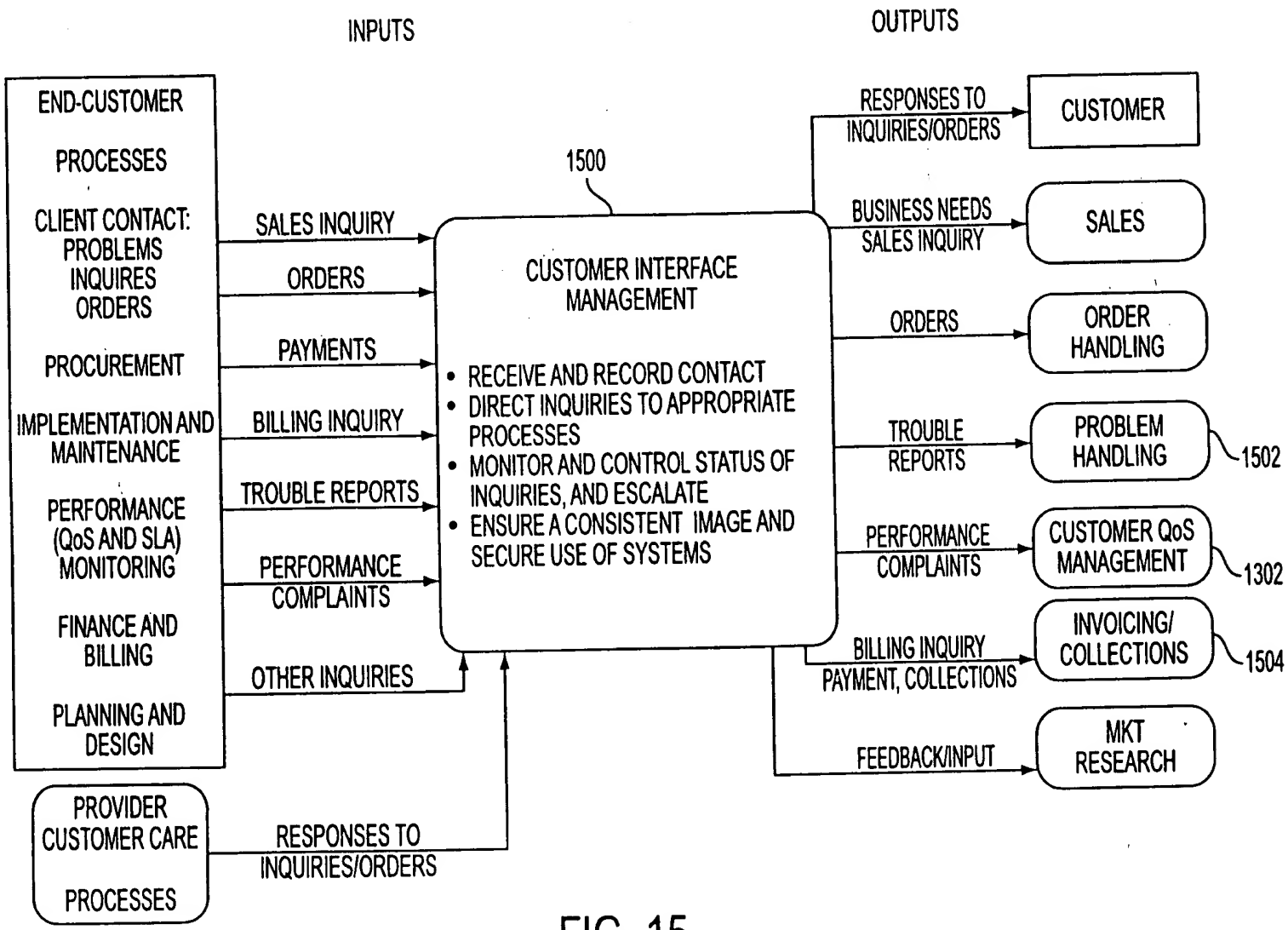


FIG. 15

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

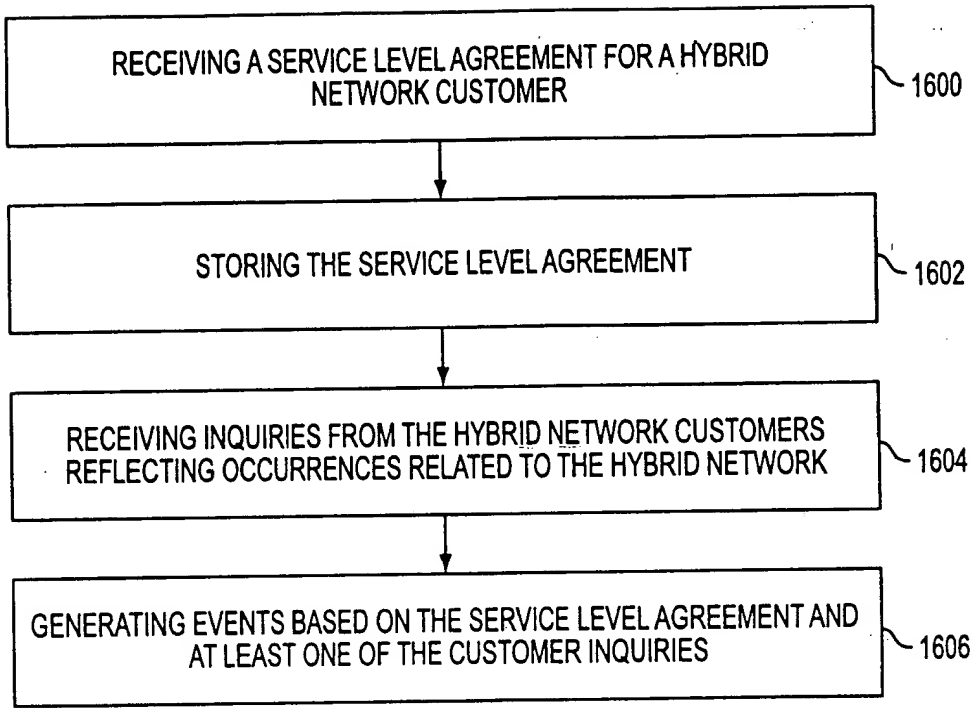


FIG. 16

PATENT & TRADEMARK OFFICE
DEC 07 2003
JC48 O I P E

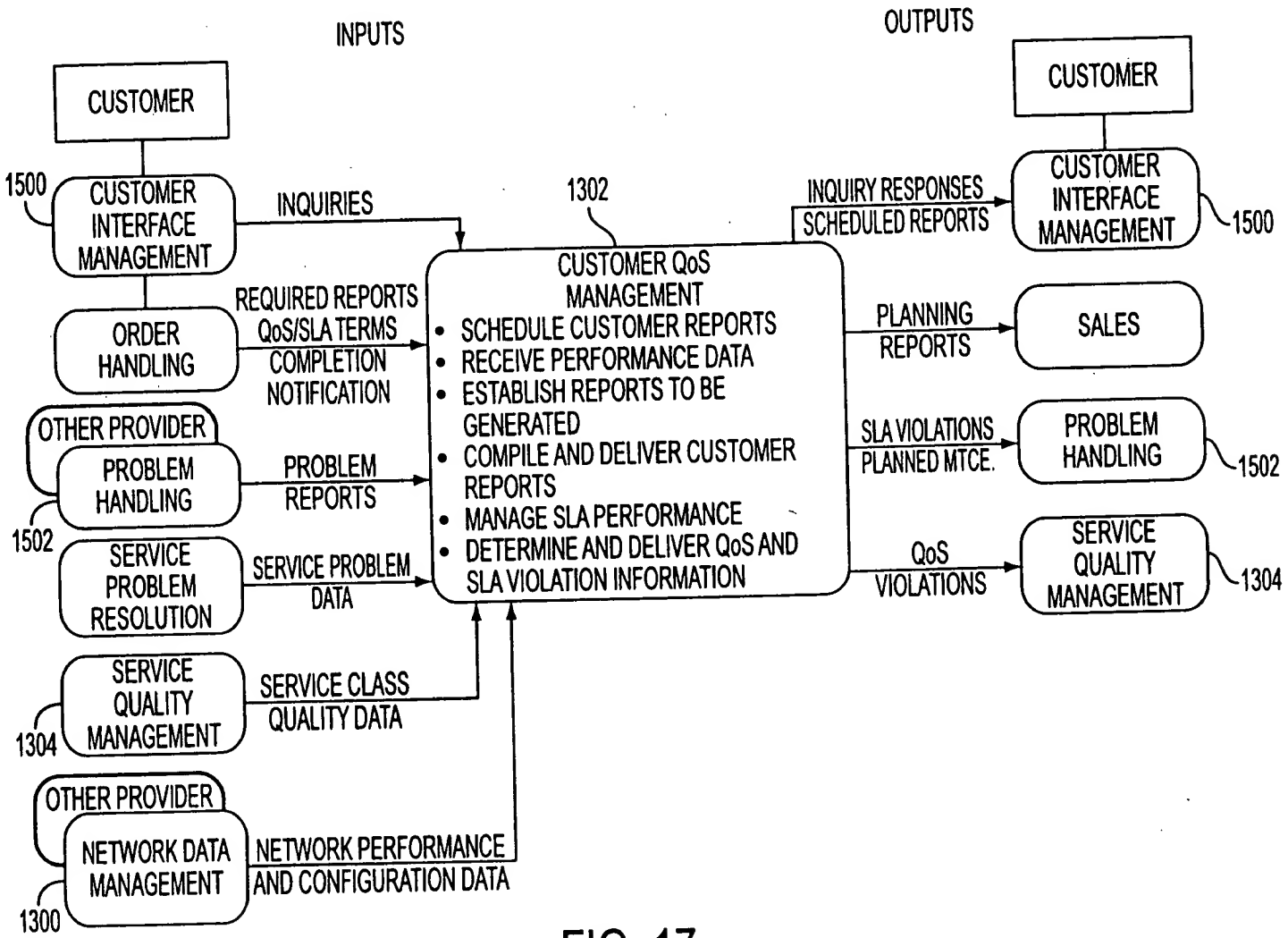


FIG. 17

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC48

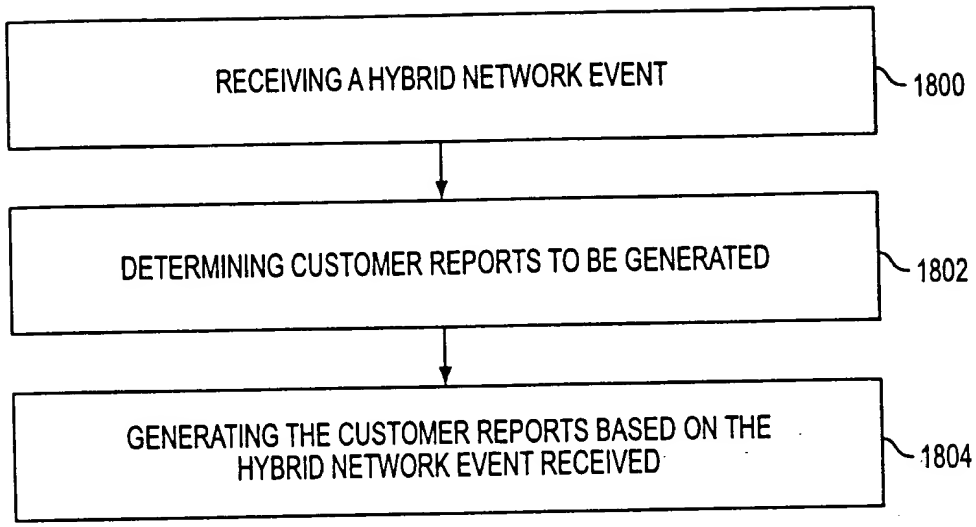


FIG. 18

PATENT & TRADEMARK OFFICE
DEC 01 2003
OIPE

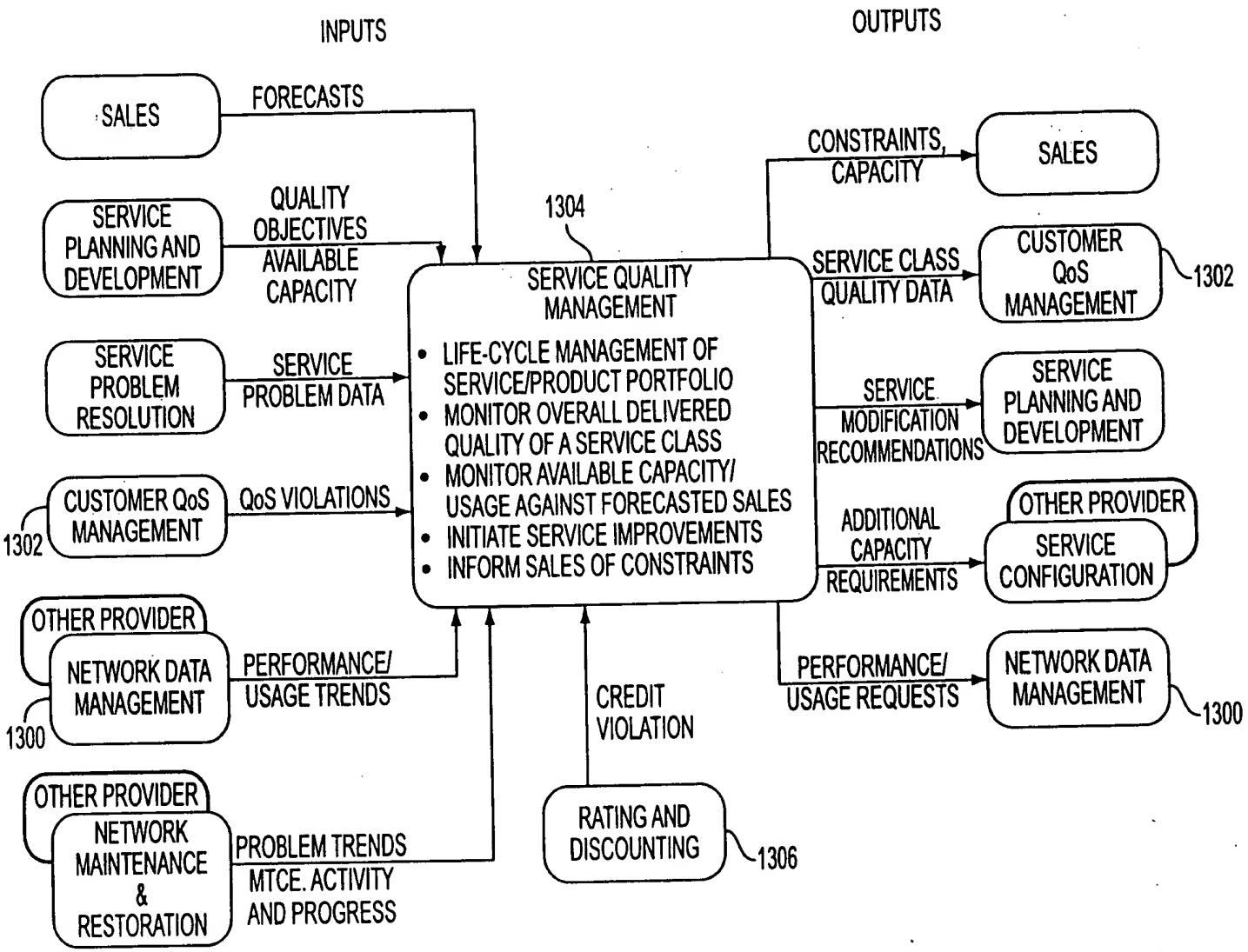


FIG. 19

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

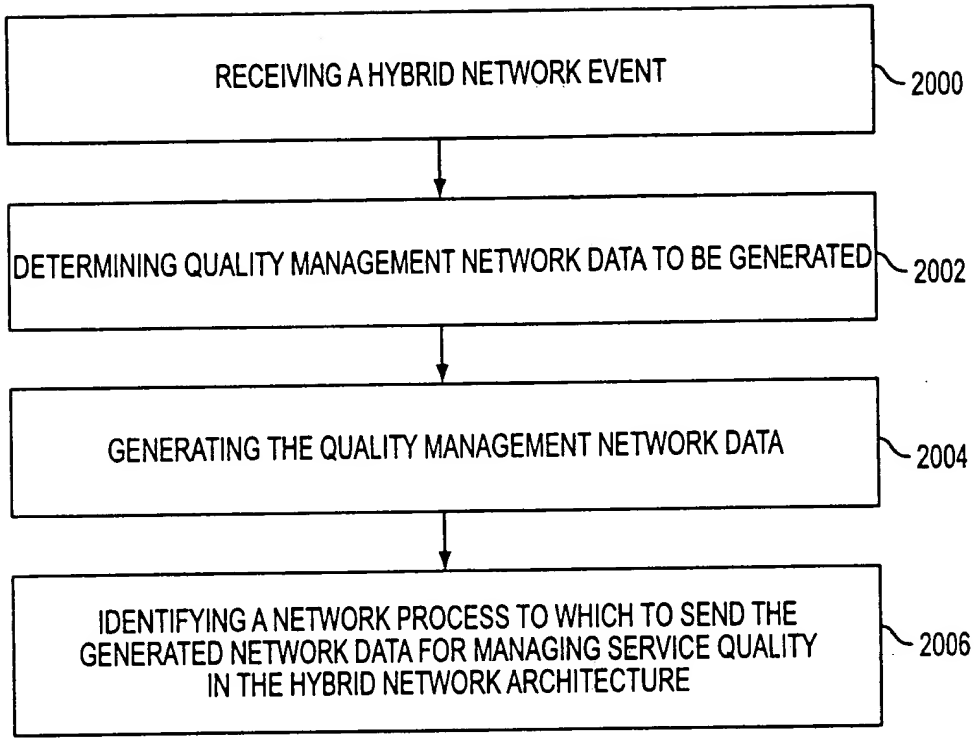
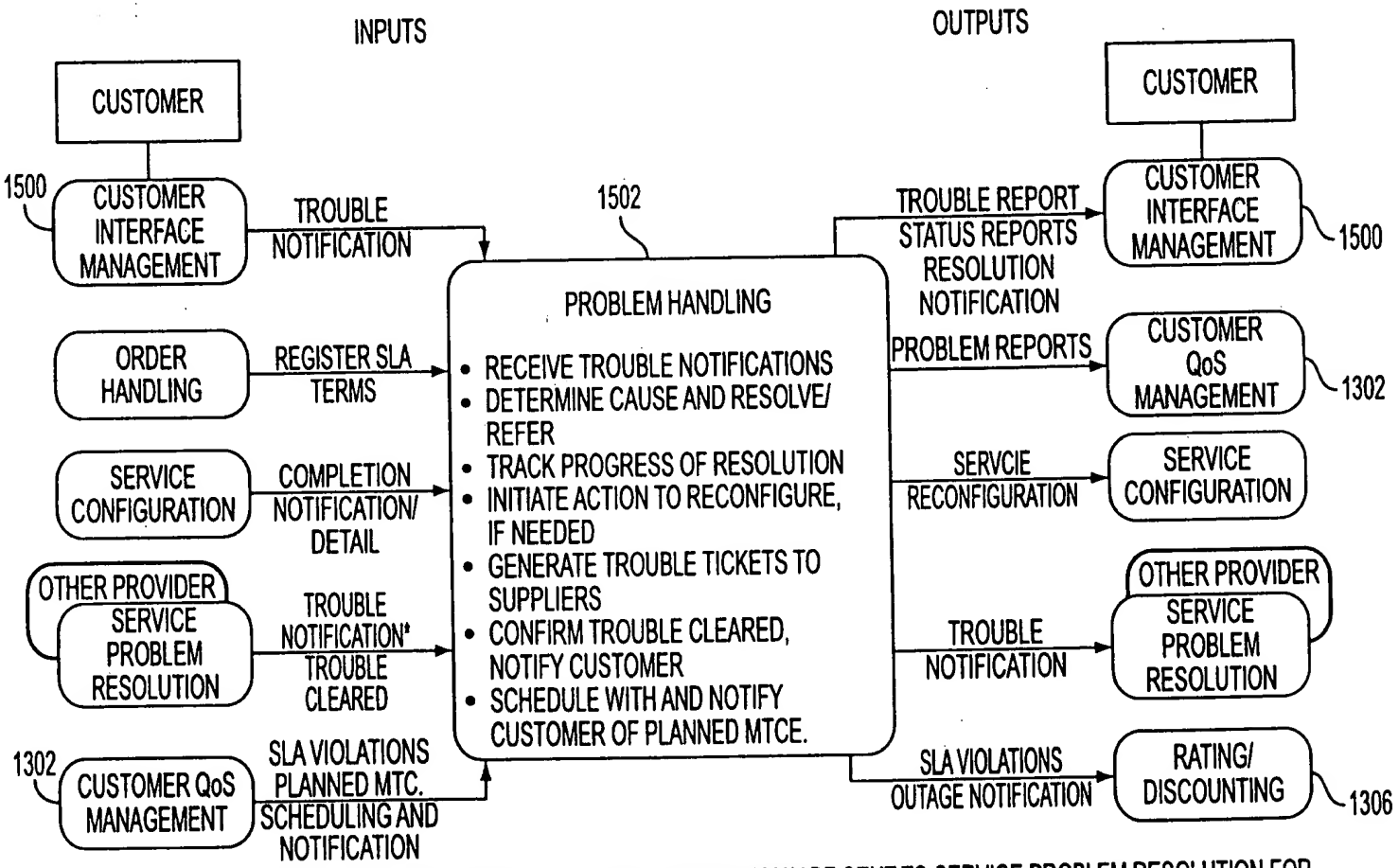


FIG. 20

PATENT & TRADEMARK OFFICE
DEC 0 1 2003
OIPE



* WHEN A TROUBLE IS REPORTED BY THE CUSTOMER, A TROUBLE REPORT MAY BE SENT TO SERVICE PROBLEM RESOLUTION FOR CORRECTION. WHEN A TROUBLE IS IDENTIFIED BY SERVICE PROBLEM RESOLUTION (VIA SERVICE QUALITY MANAGEMENT OR NETWORK MAINTENANCE AND RESTORATION) THEN PROBLEM HANDLING IS NOTIFIED IN ORDER TO INFORM THE CUSTOMER OF THE PROBLEM.

FIG. 21

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC48

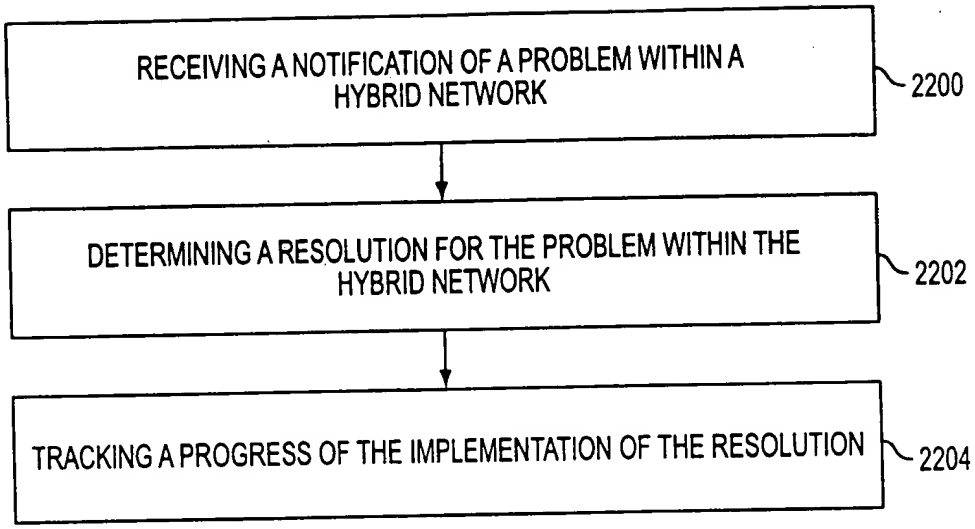


FIG. 22

PATENT & TRADEMARK OFFICE
DEC 01 2003
JC48
OIPE

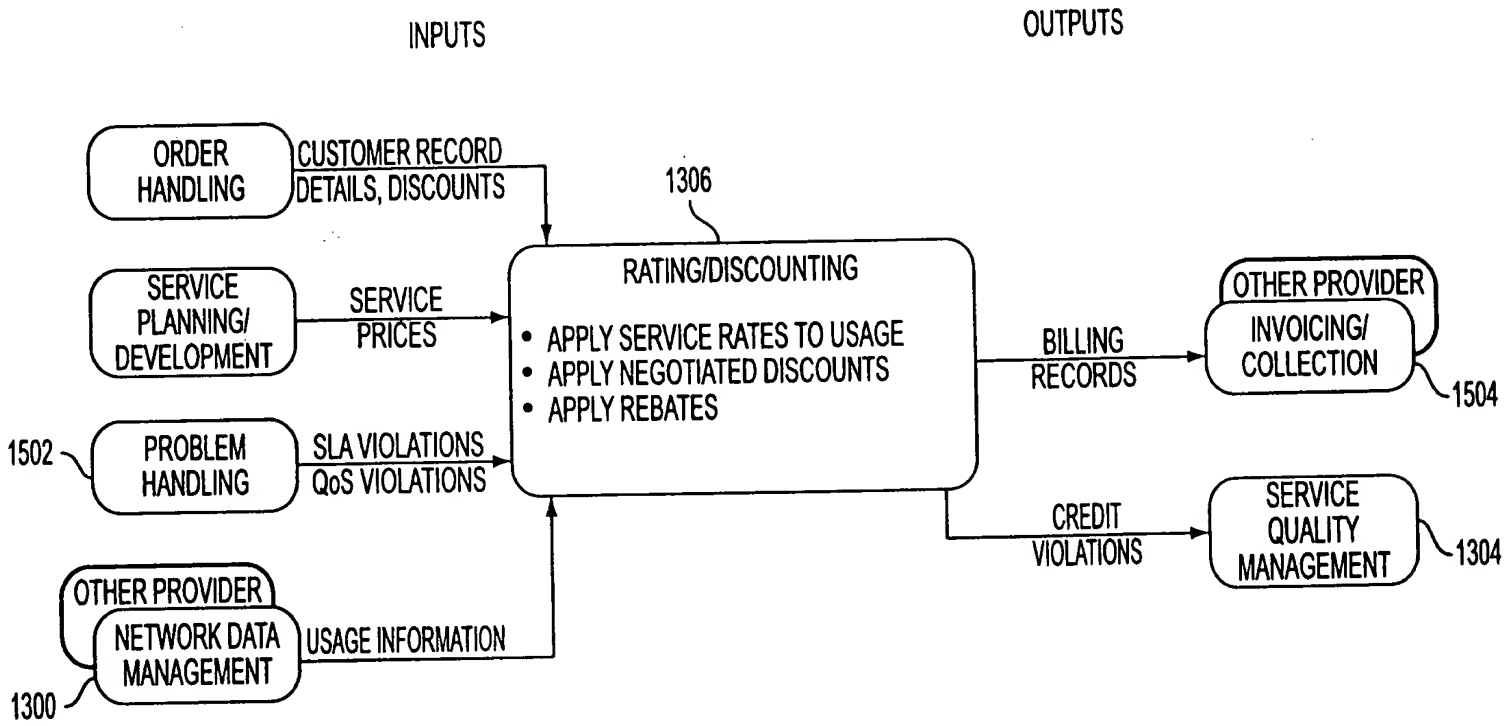


FIG. 23

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

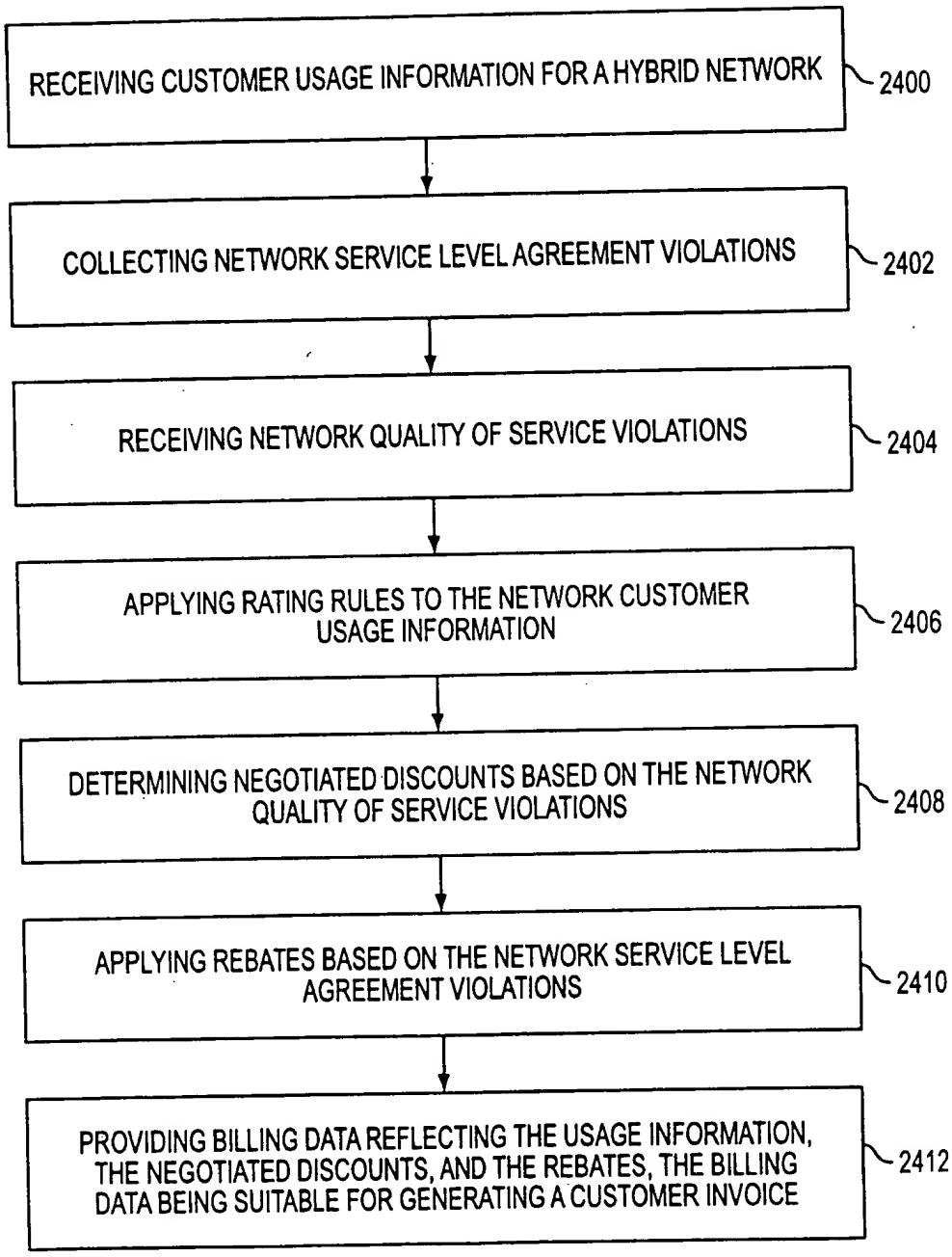


FIG. 24

PATENT & TRADEMARK OFFICE
DEC 0 1 2003
O I P E
JC48

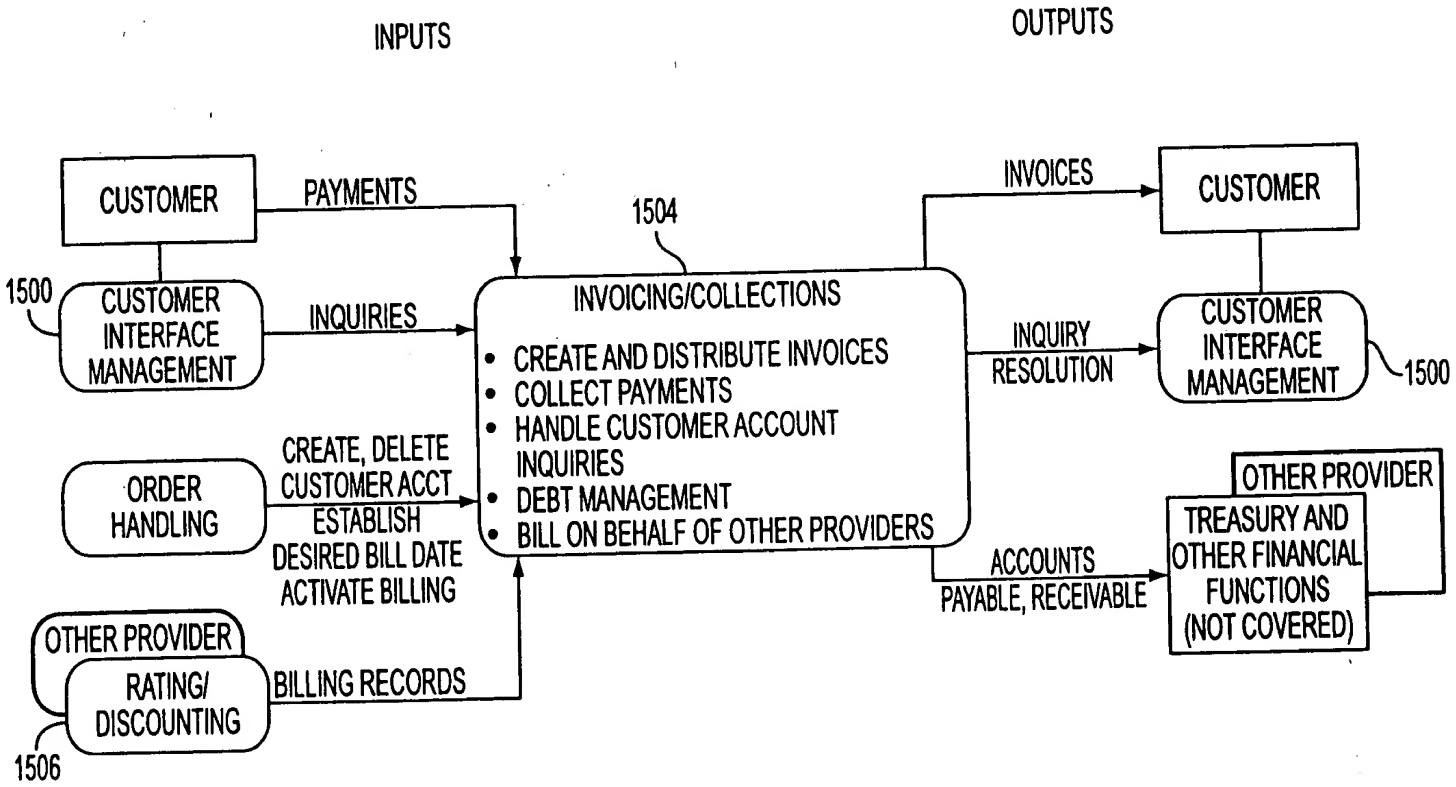


FIG. 25

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC48

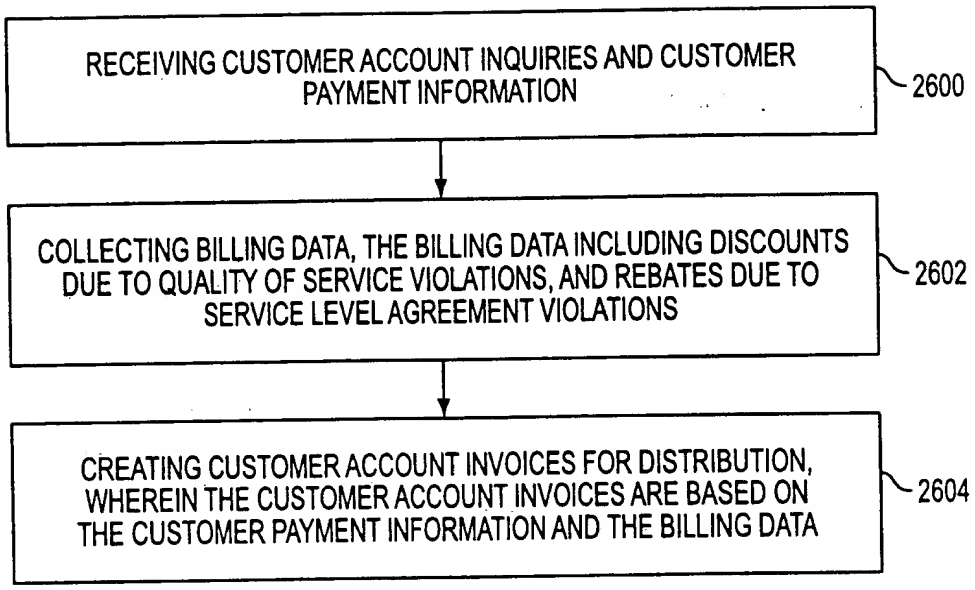


FIG. 26

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC48

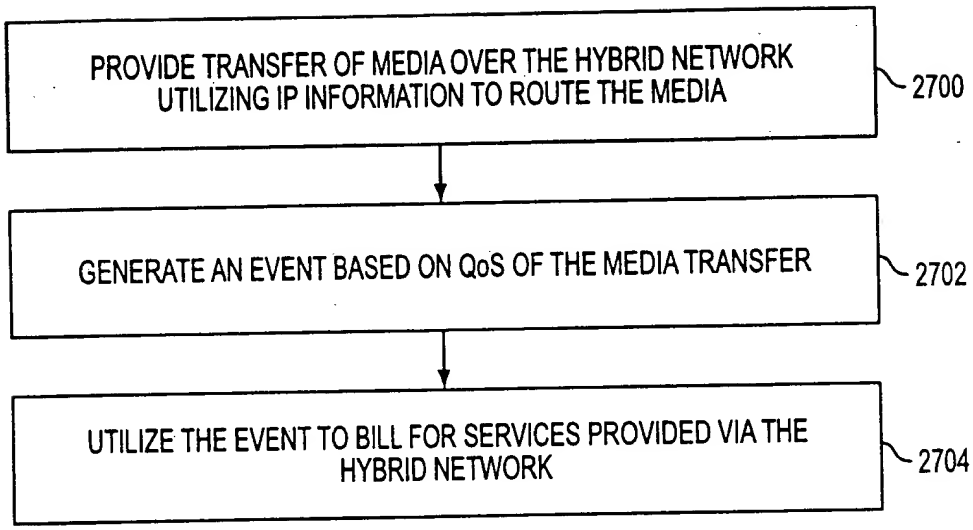


FIG. 27

OIPE JC48
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

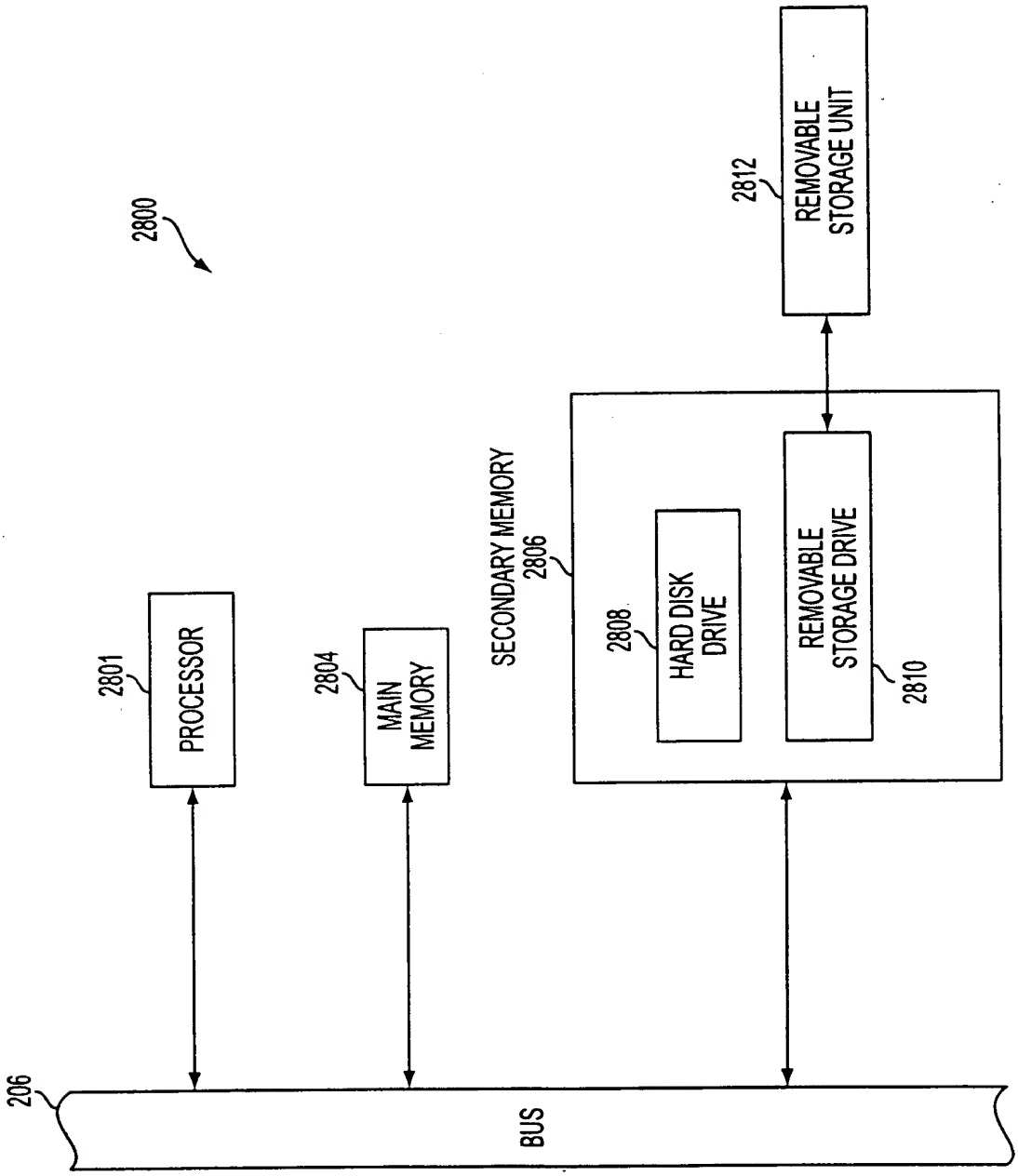


FIG. 28

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

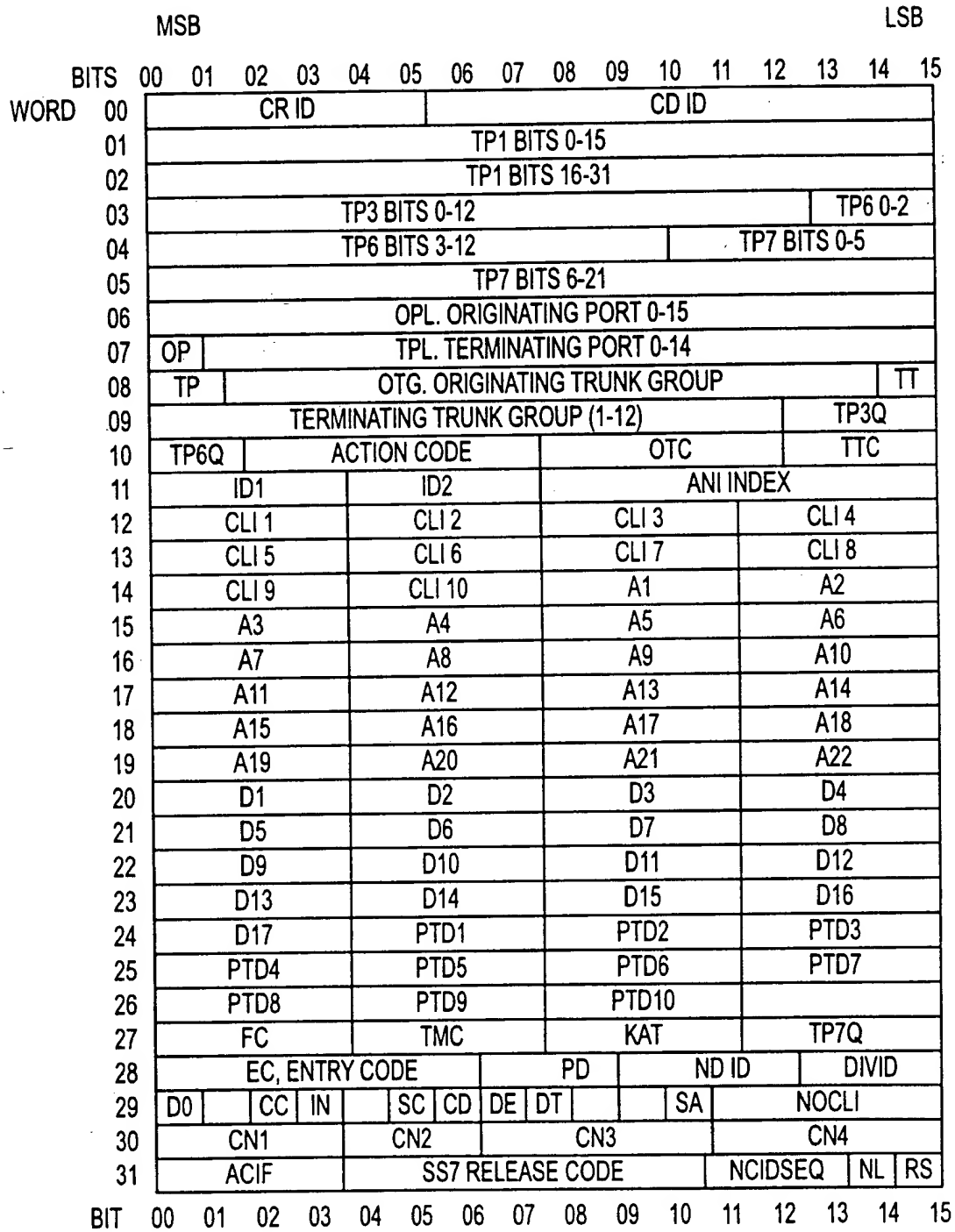


FIG. 29

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

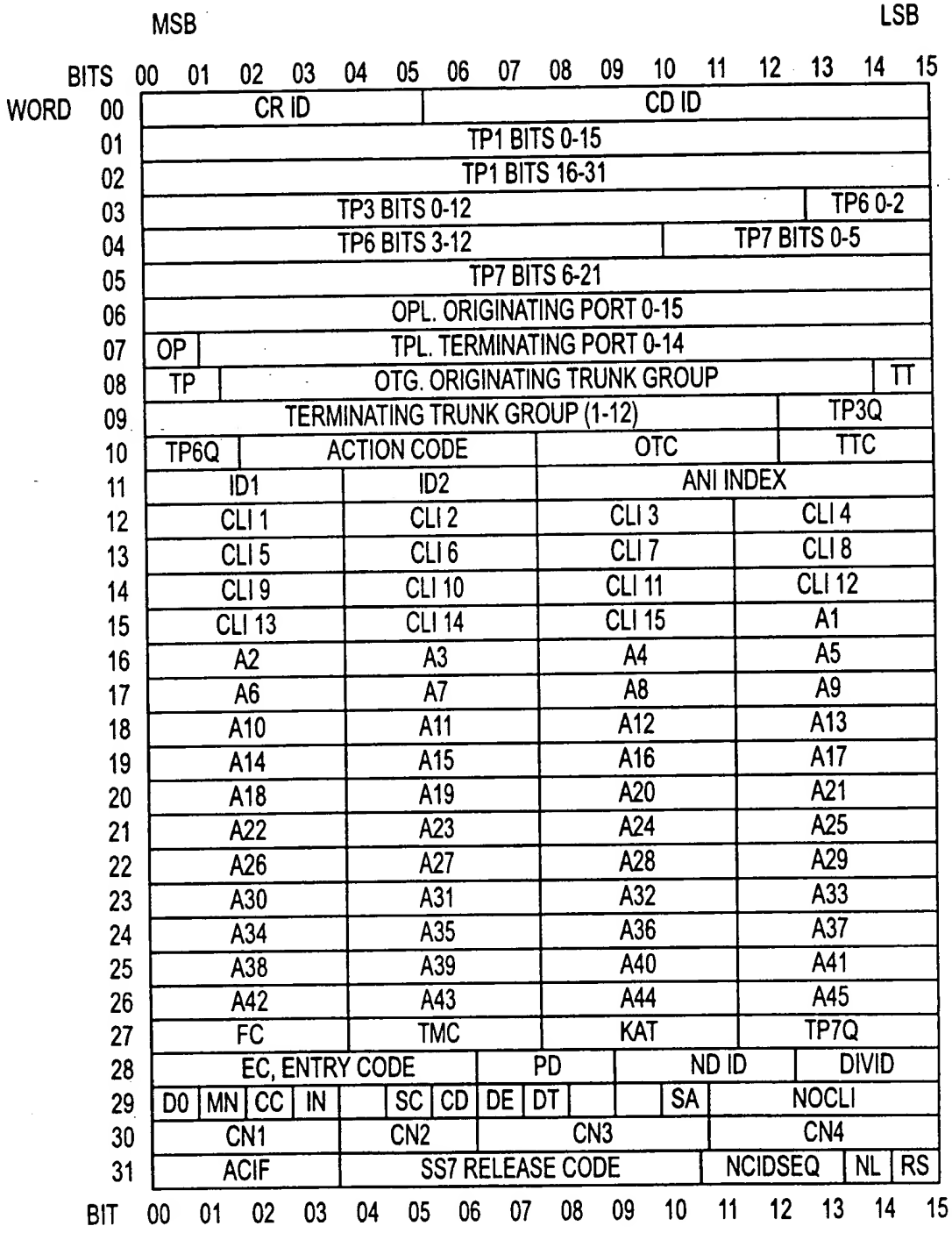


FIG. 30

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

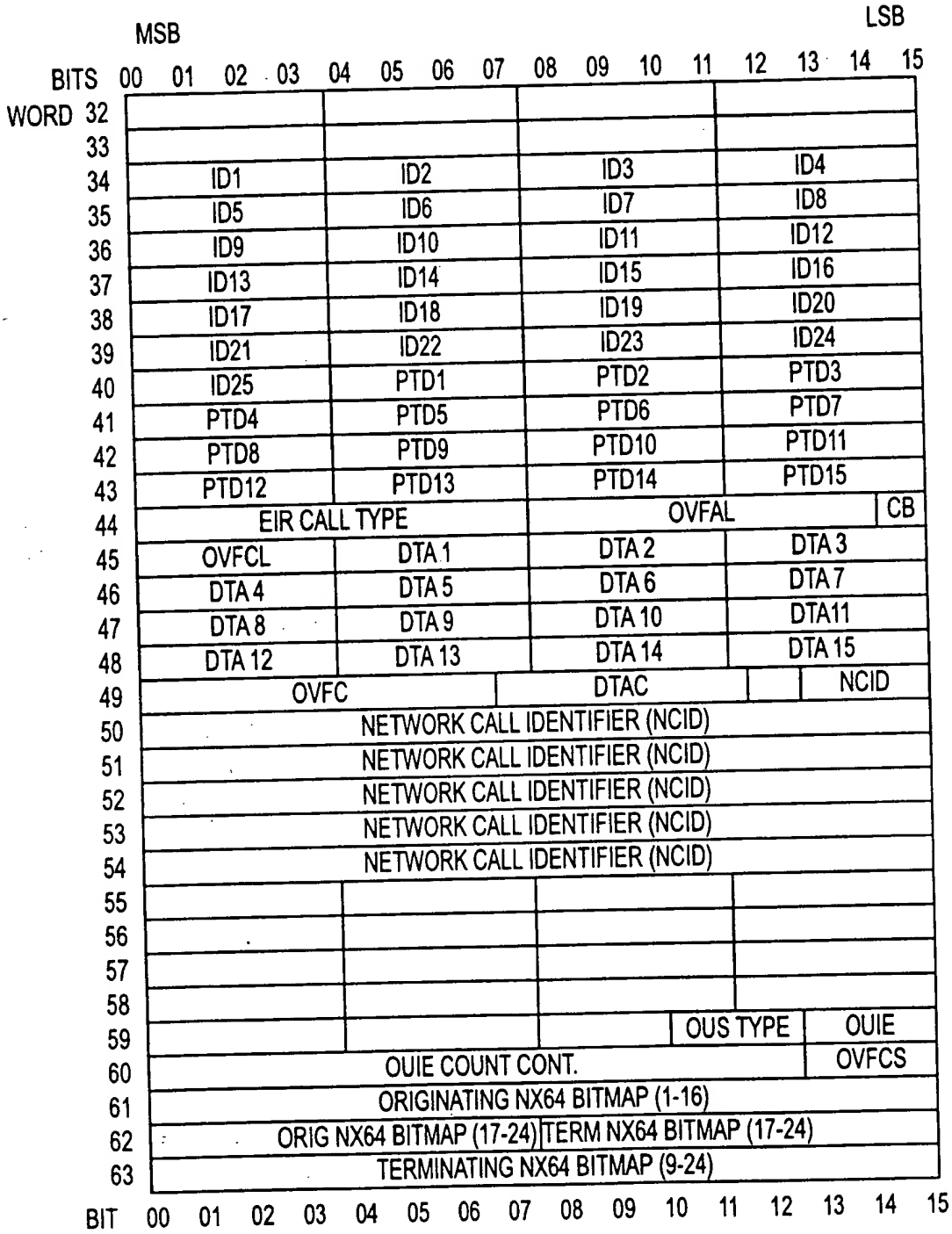


FIG. 31

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

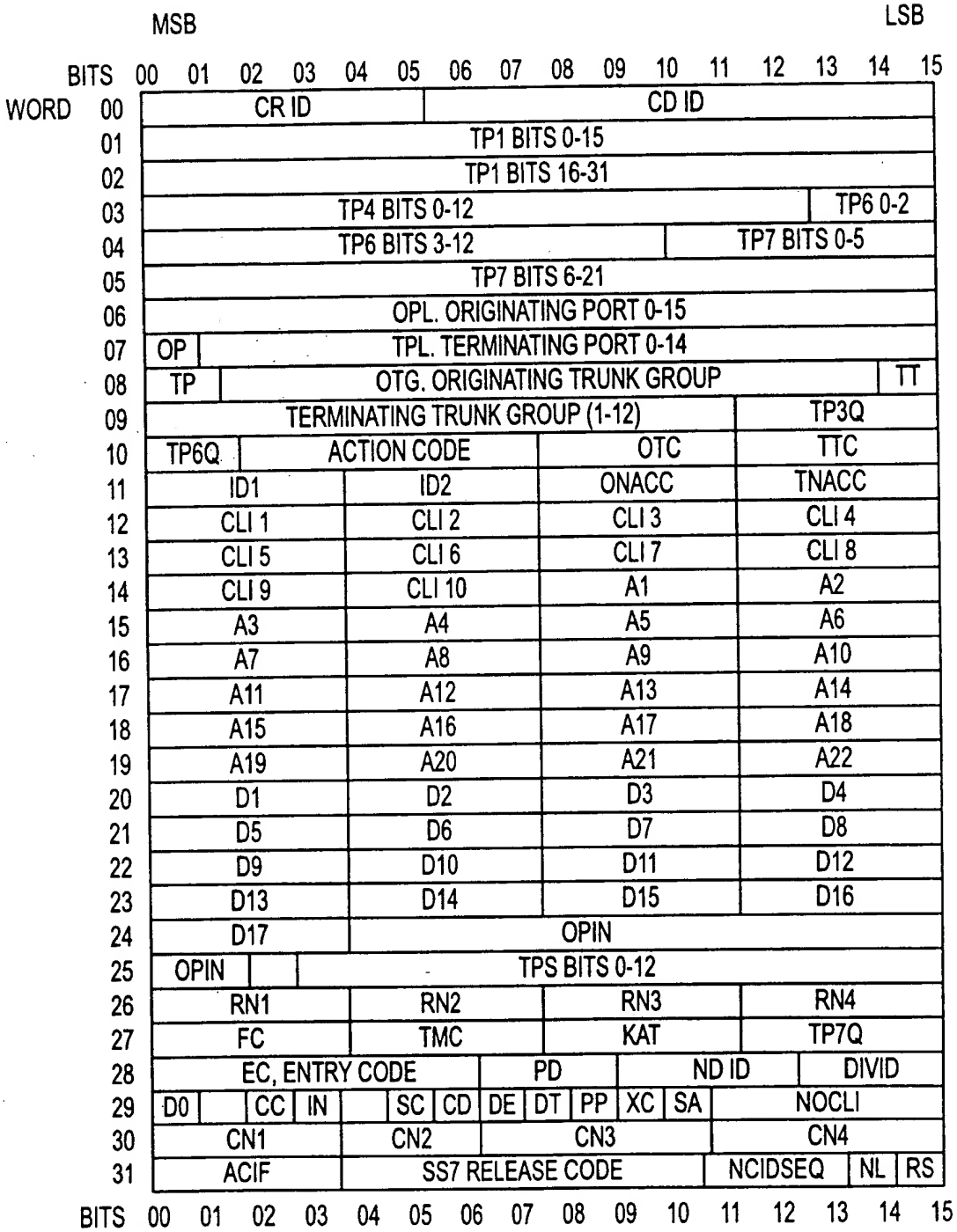


FIG. 32

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC48

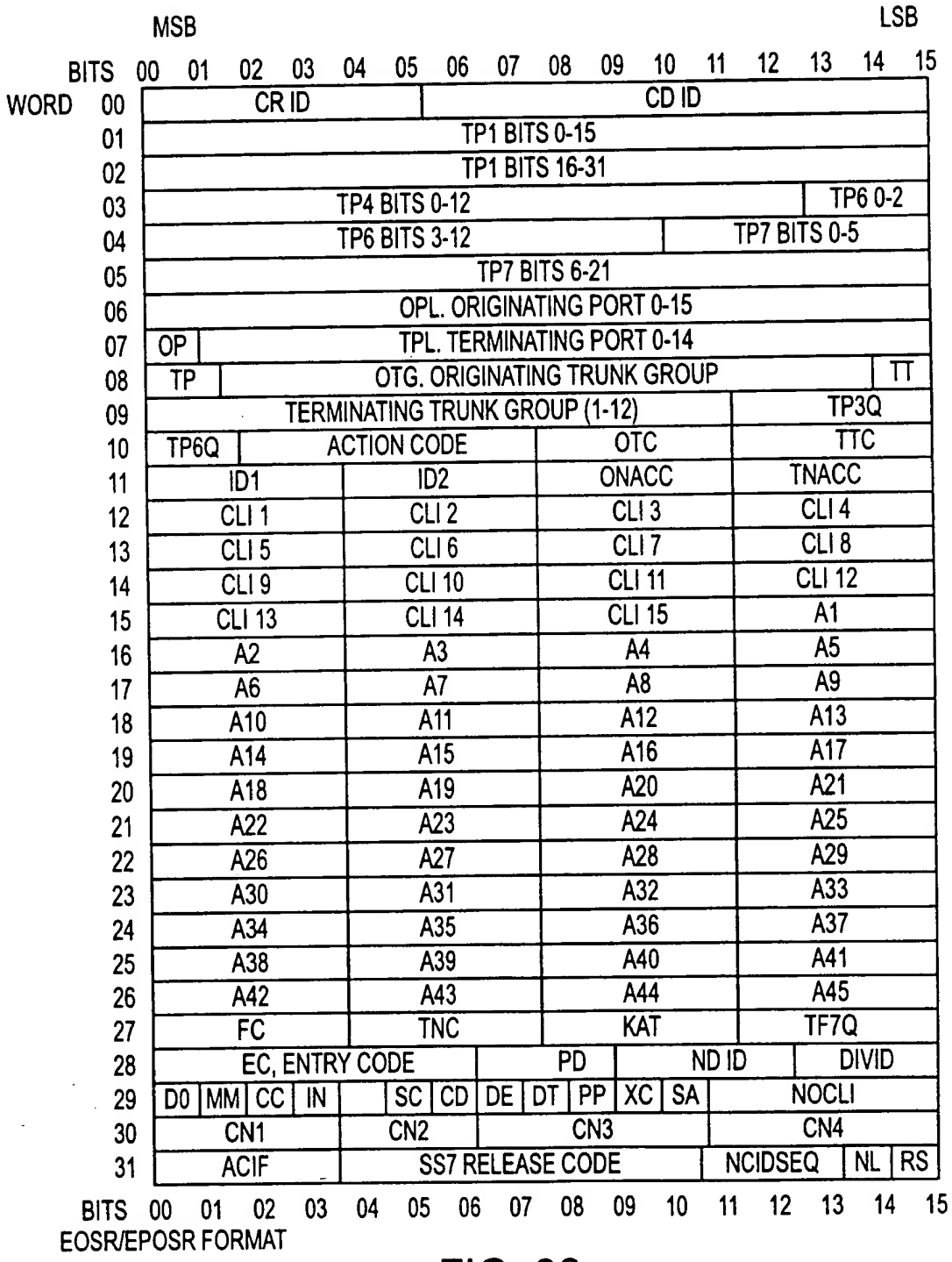


FIG. 33

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

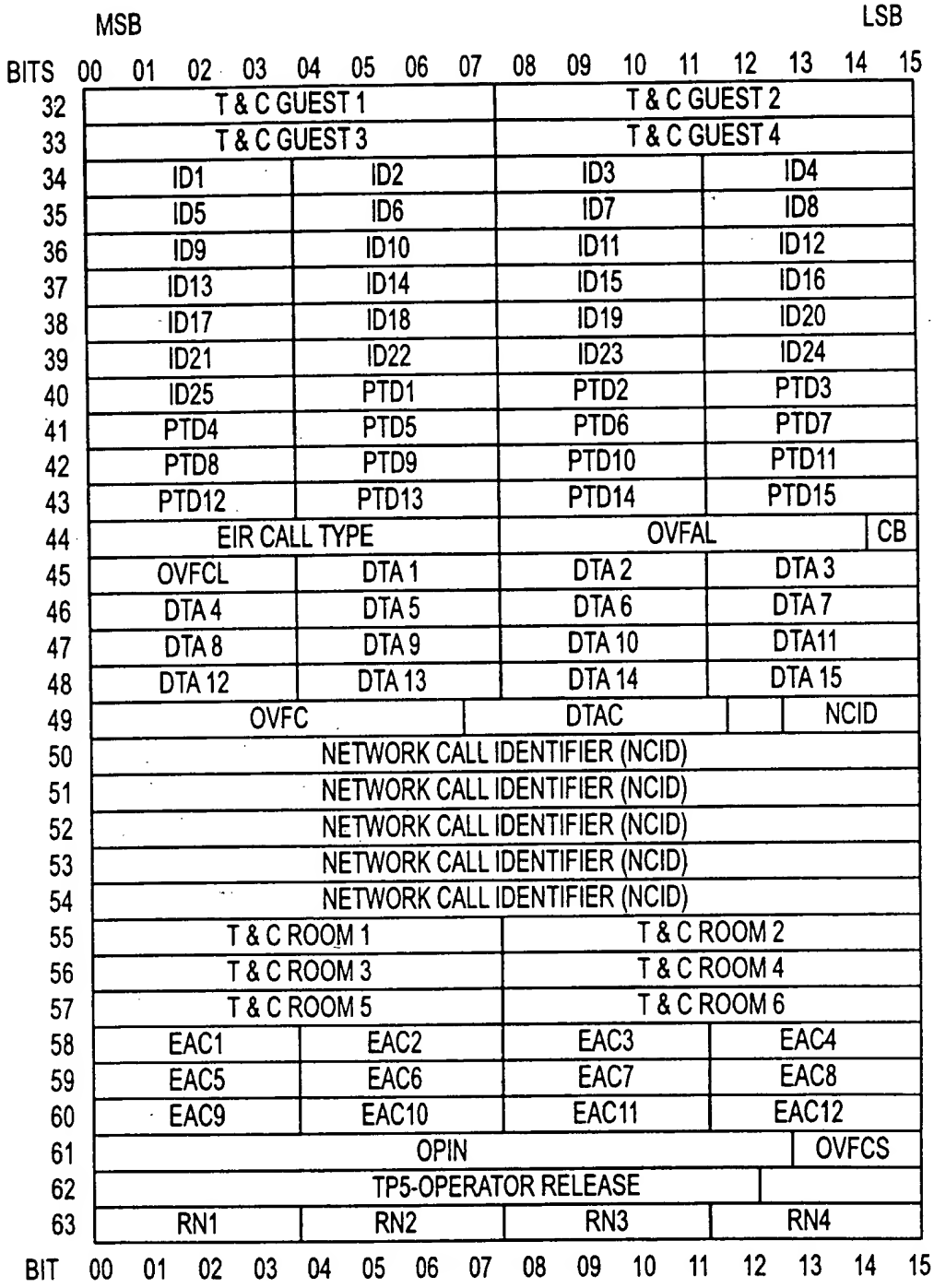


FIG. 34

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

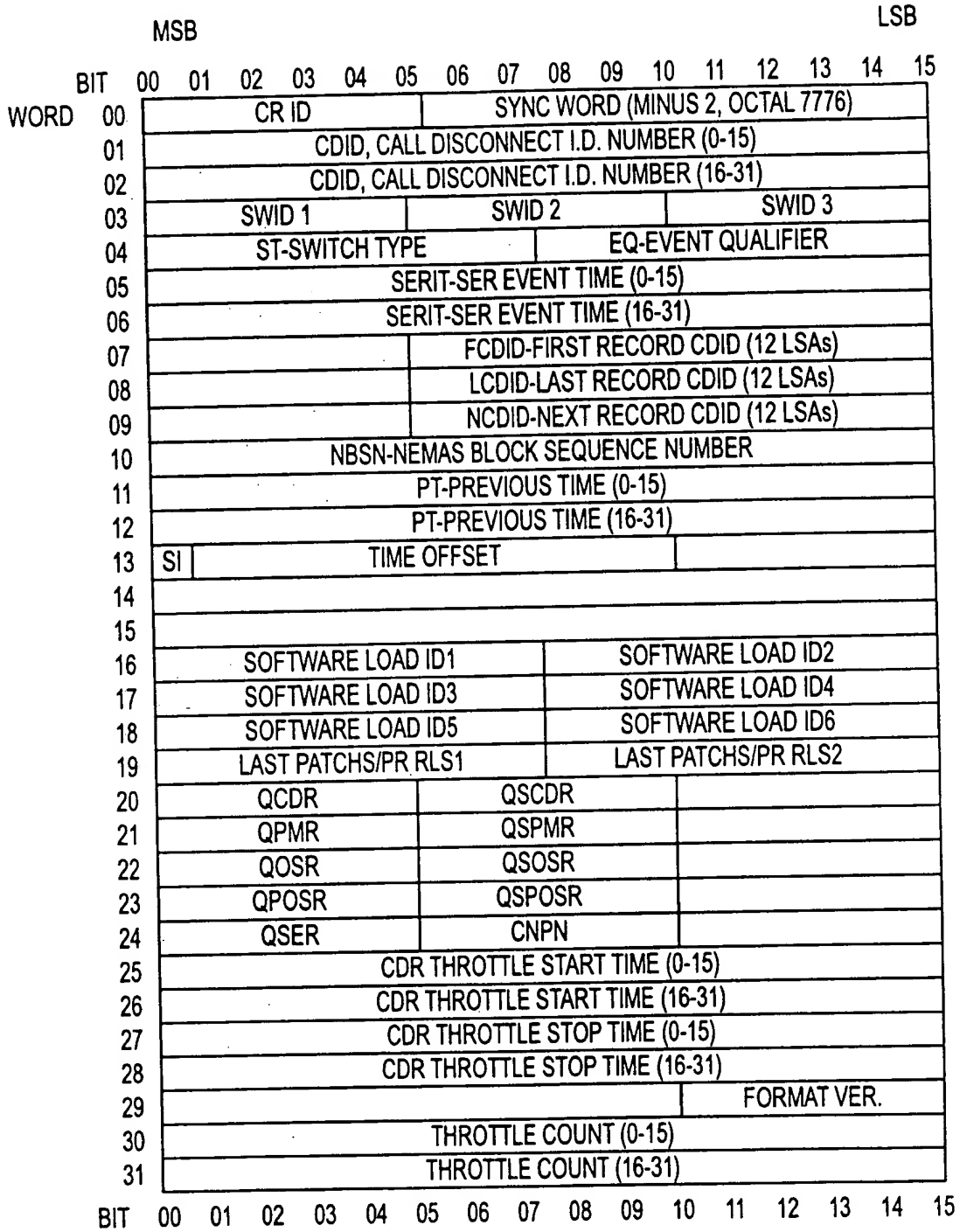


FIG. 35

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

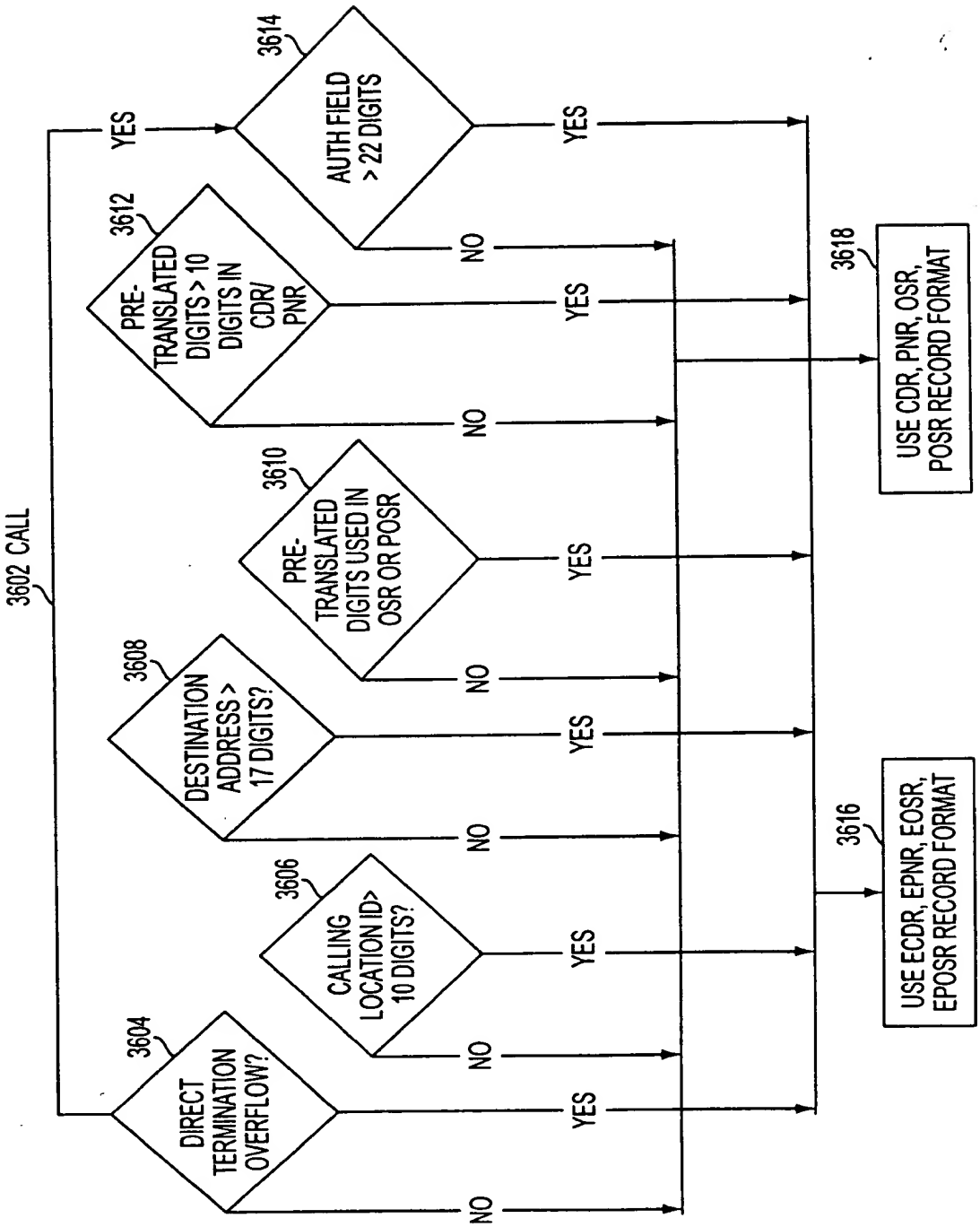


FIG. 36

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

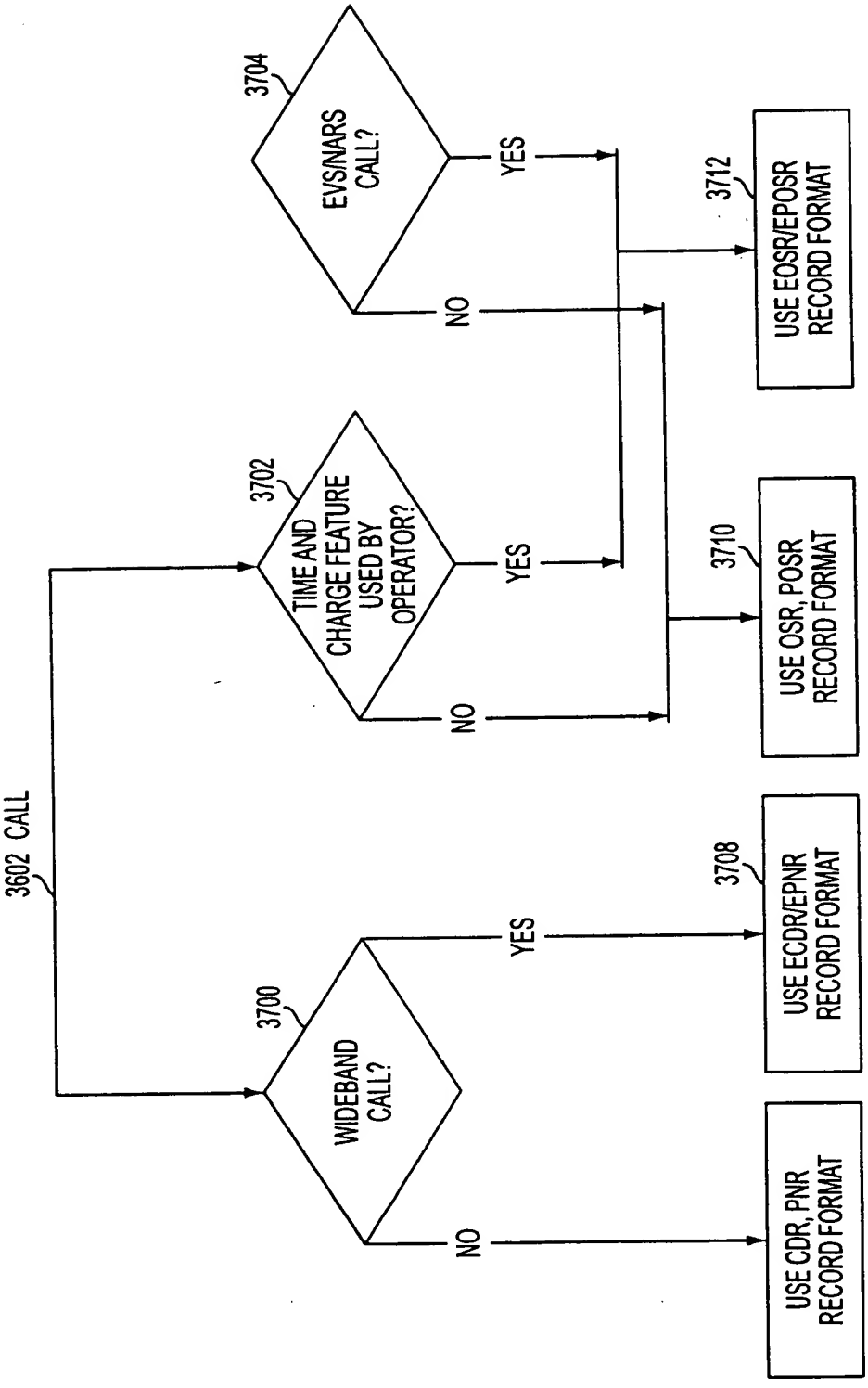


FIG. 37

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC43

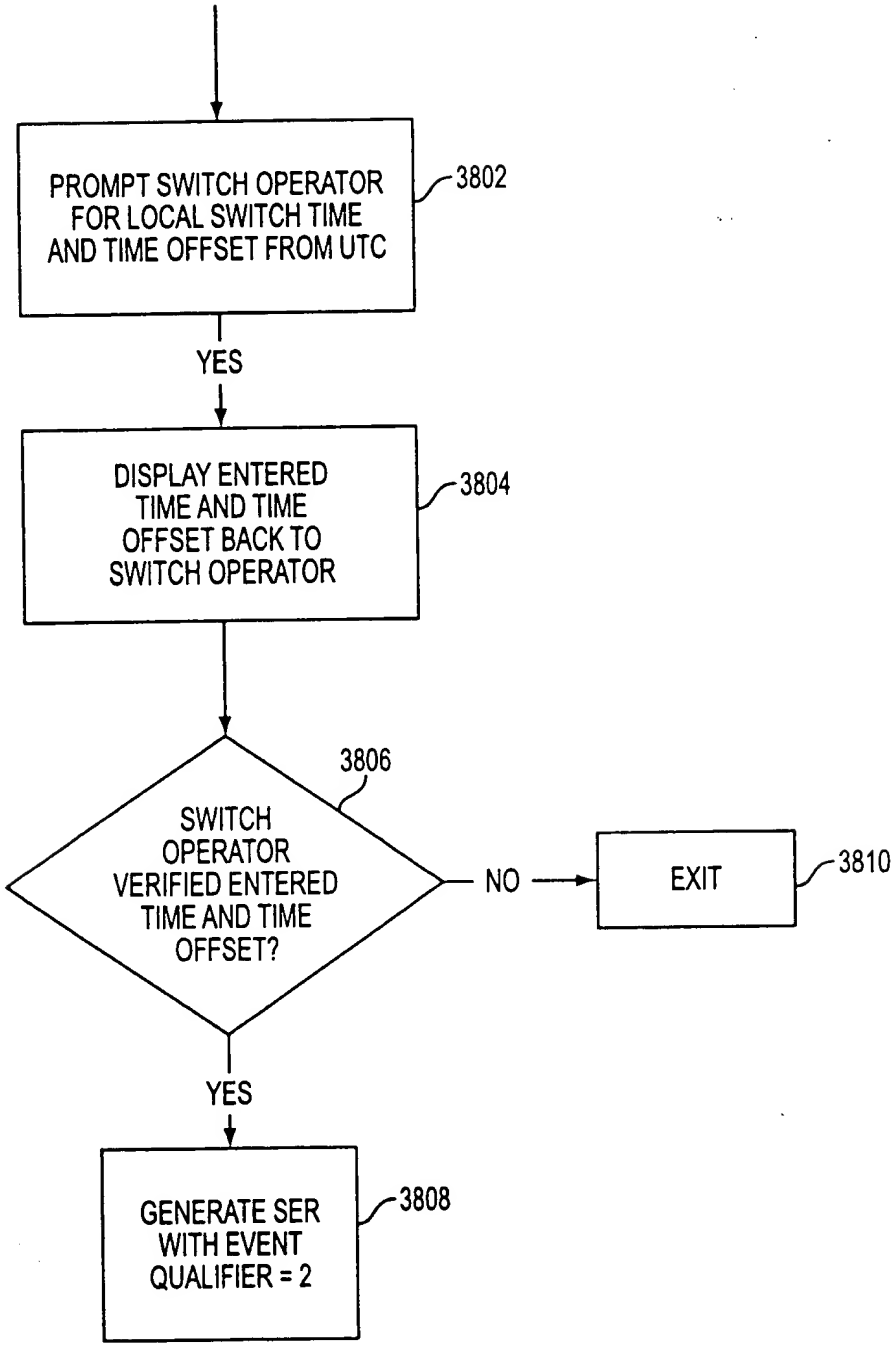


FIG. 38

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

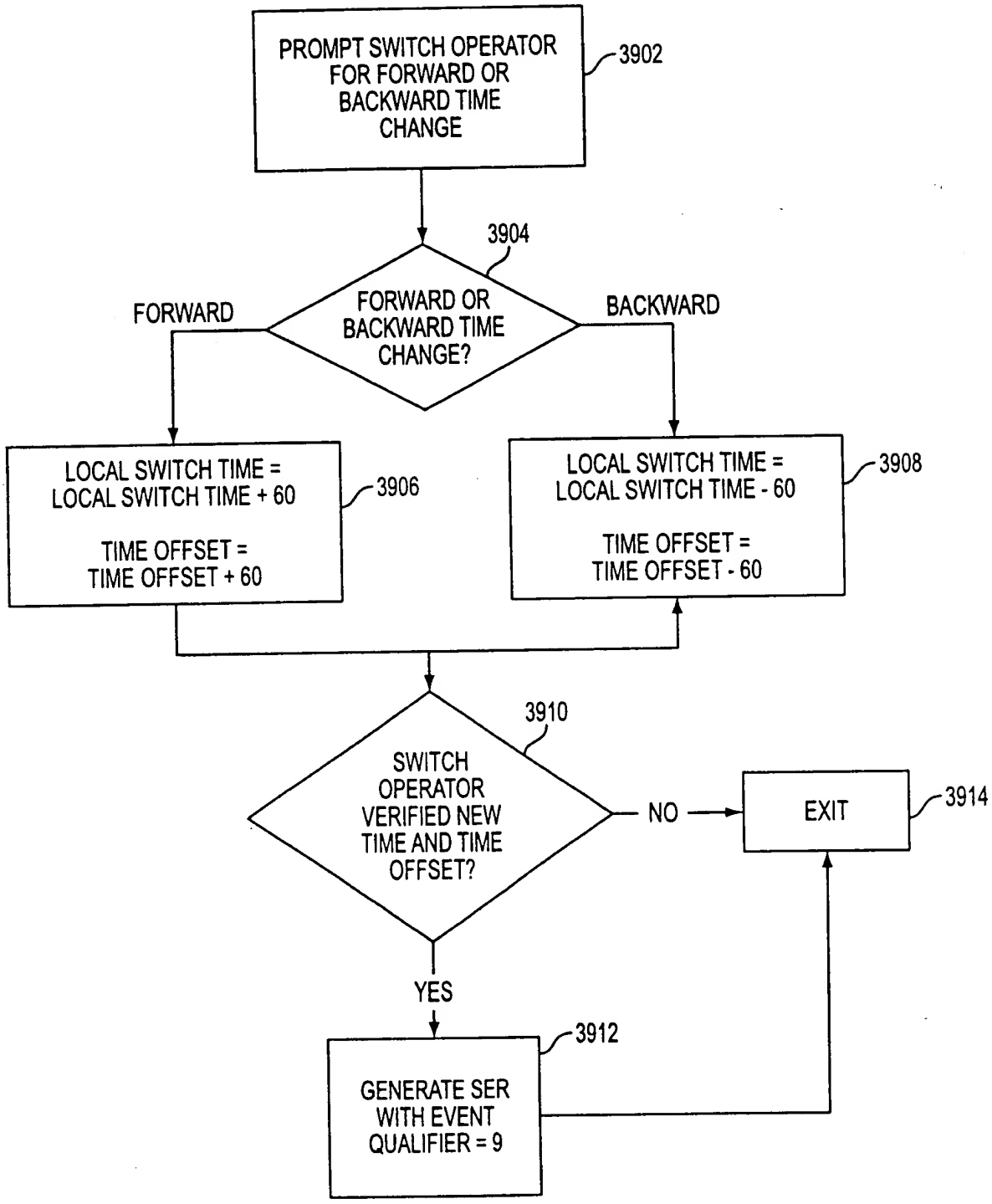


FIG. 39

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

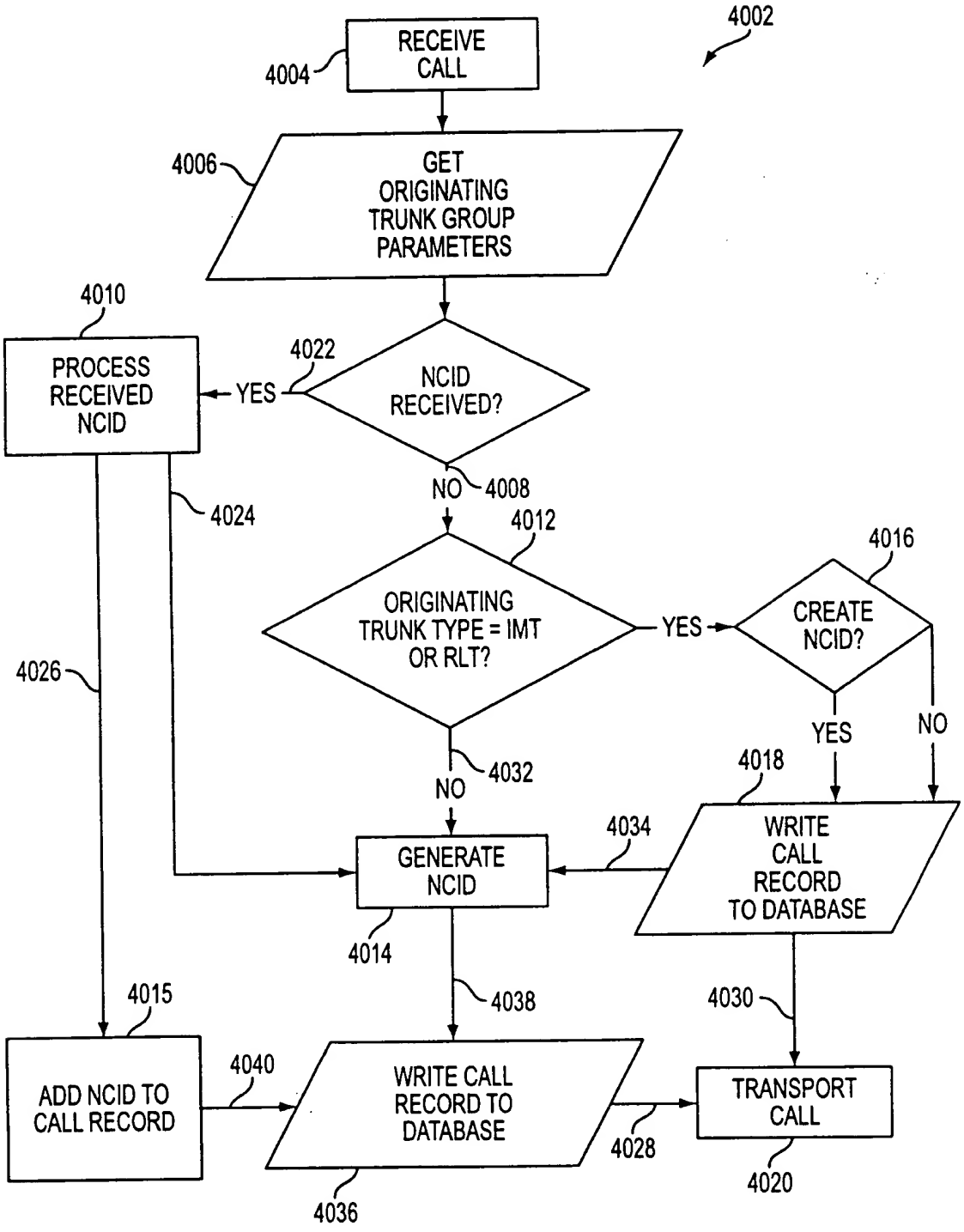


FIG. 40

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC48

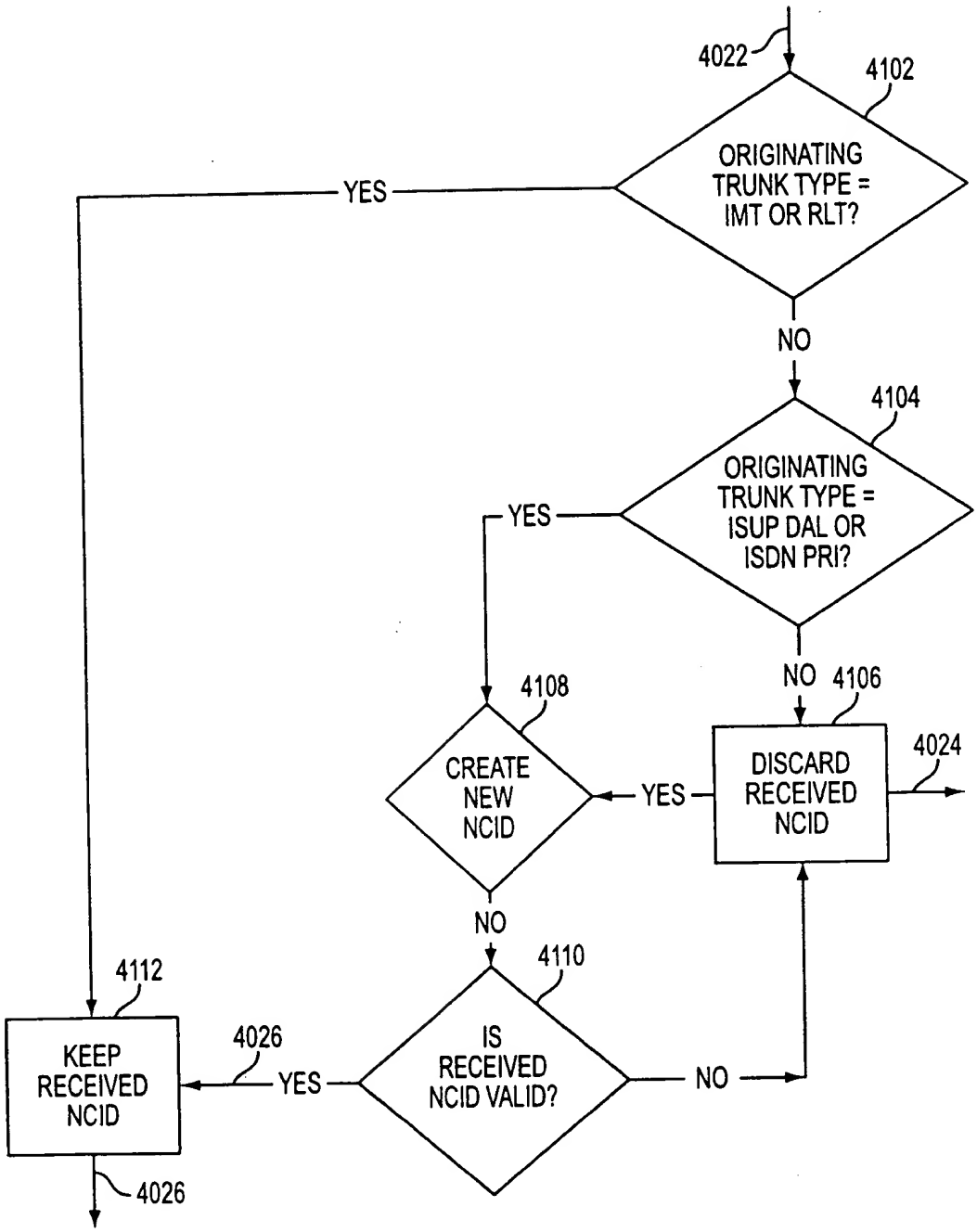


FIG. 41

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

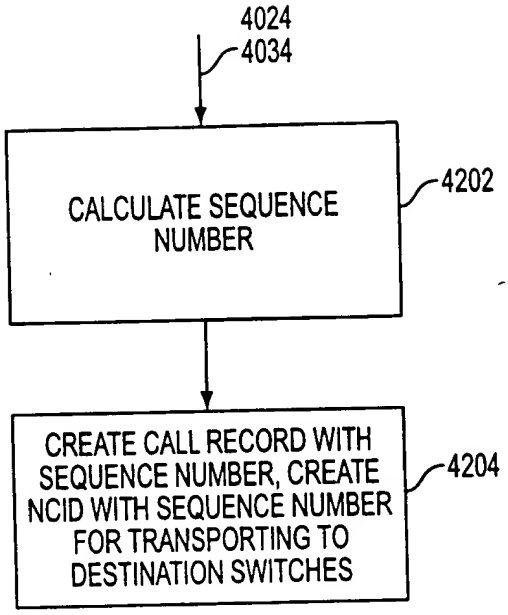


FIG. 42

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

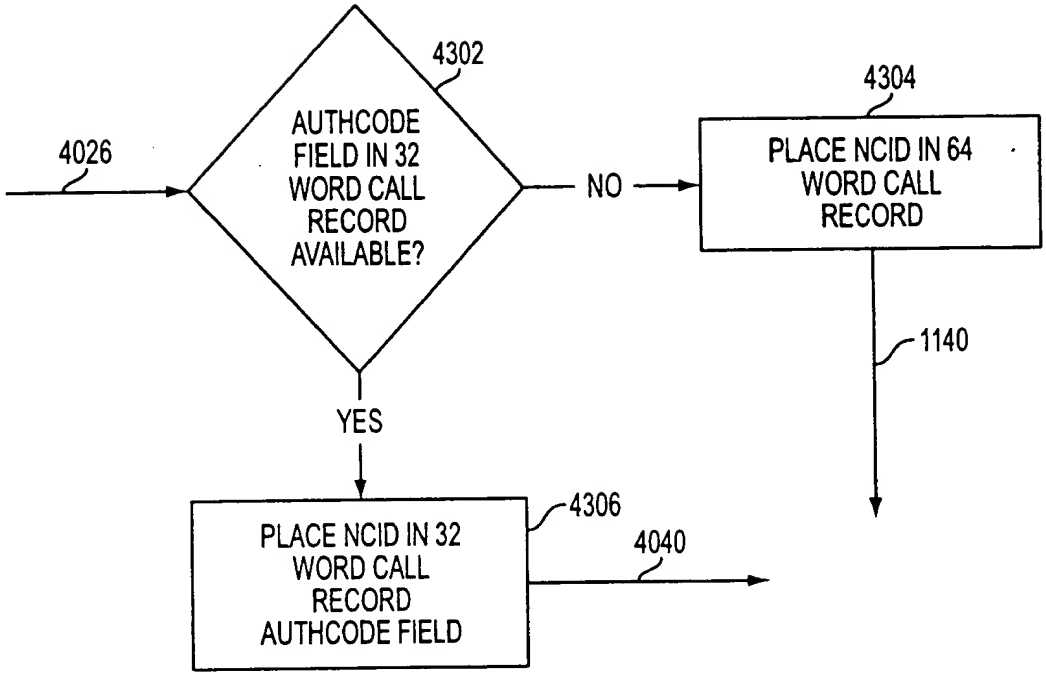


FIG. 43

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE U.S.

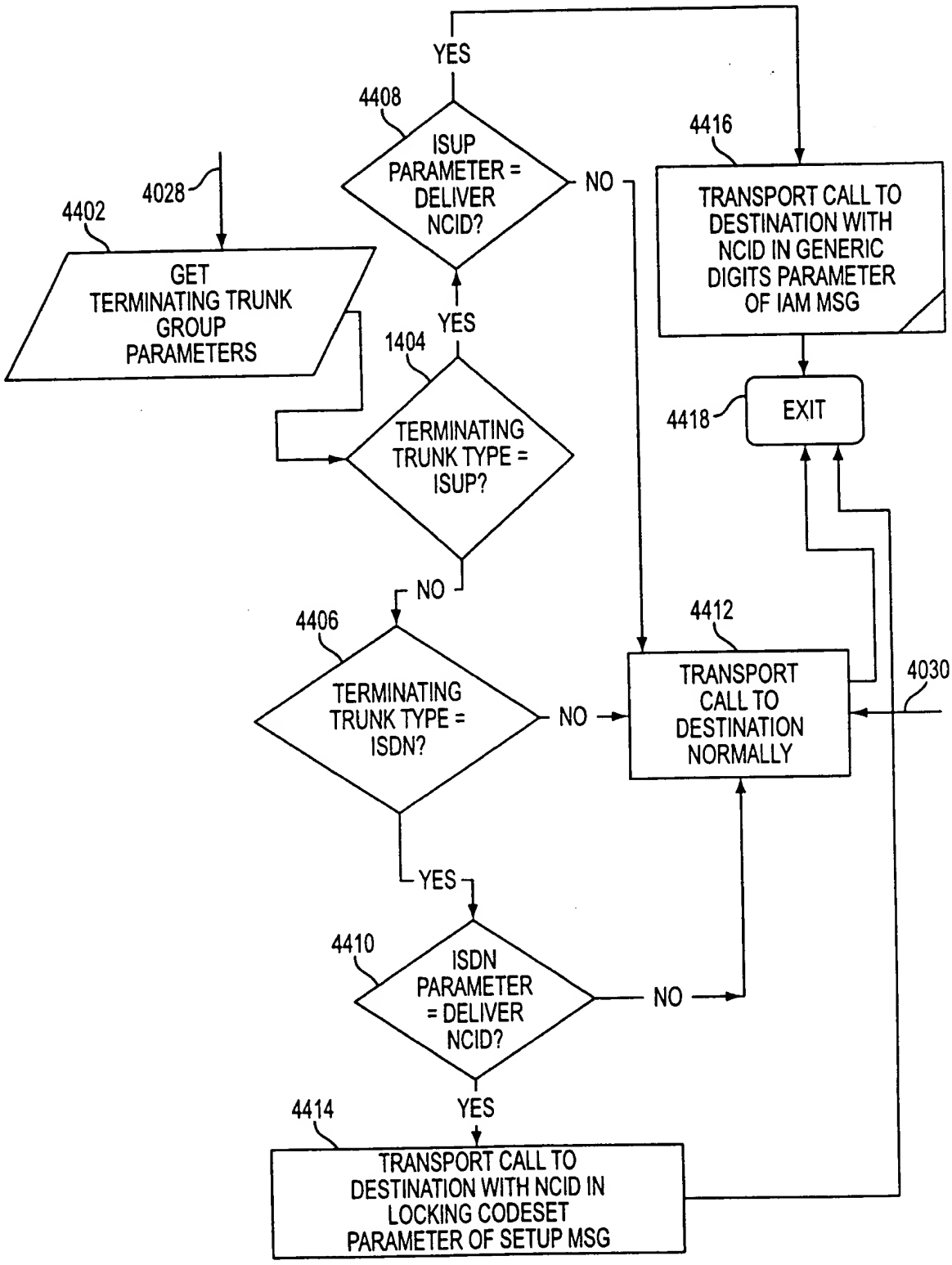


FIG. 44

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC48

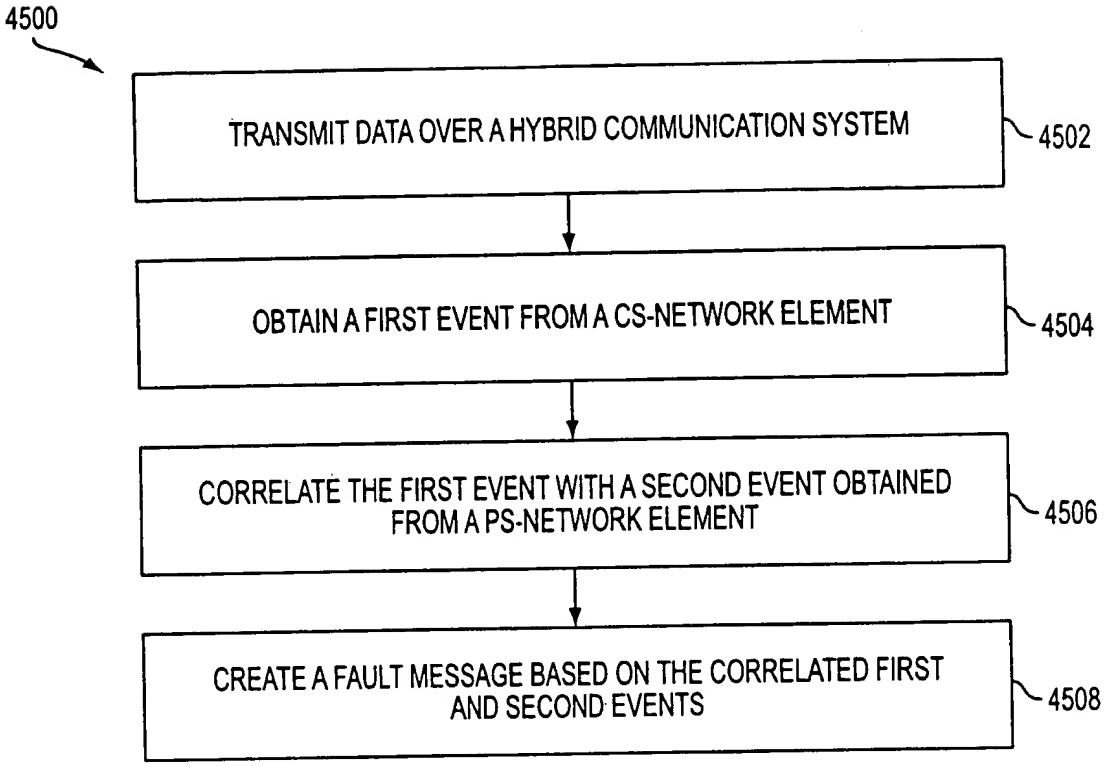


FIG. 45

PATENT & TRADEMARK OFFICE
DEC 01 2003
OIPE

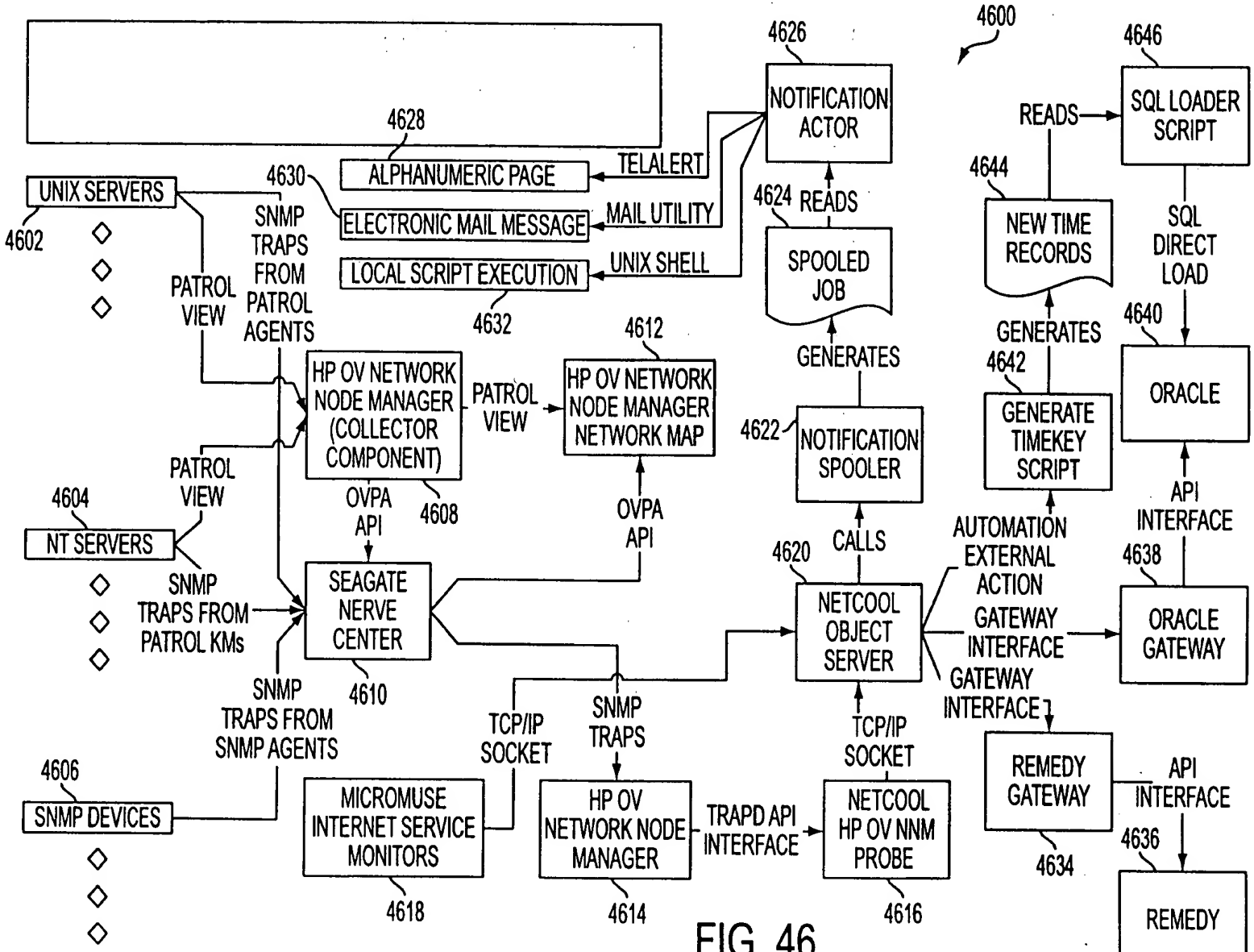


FIG. 46

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC42

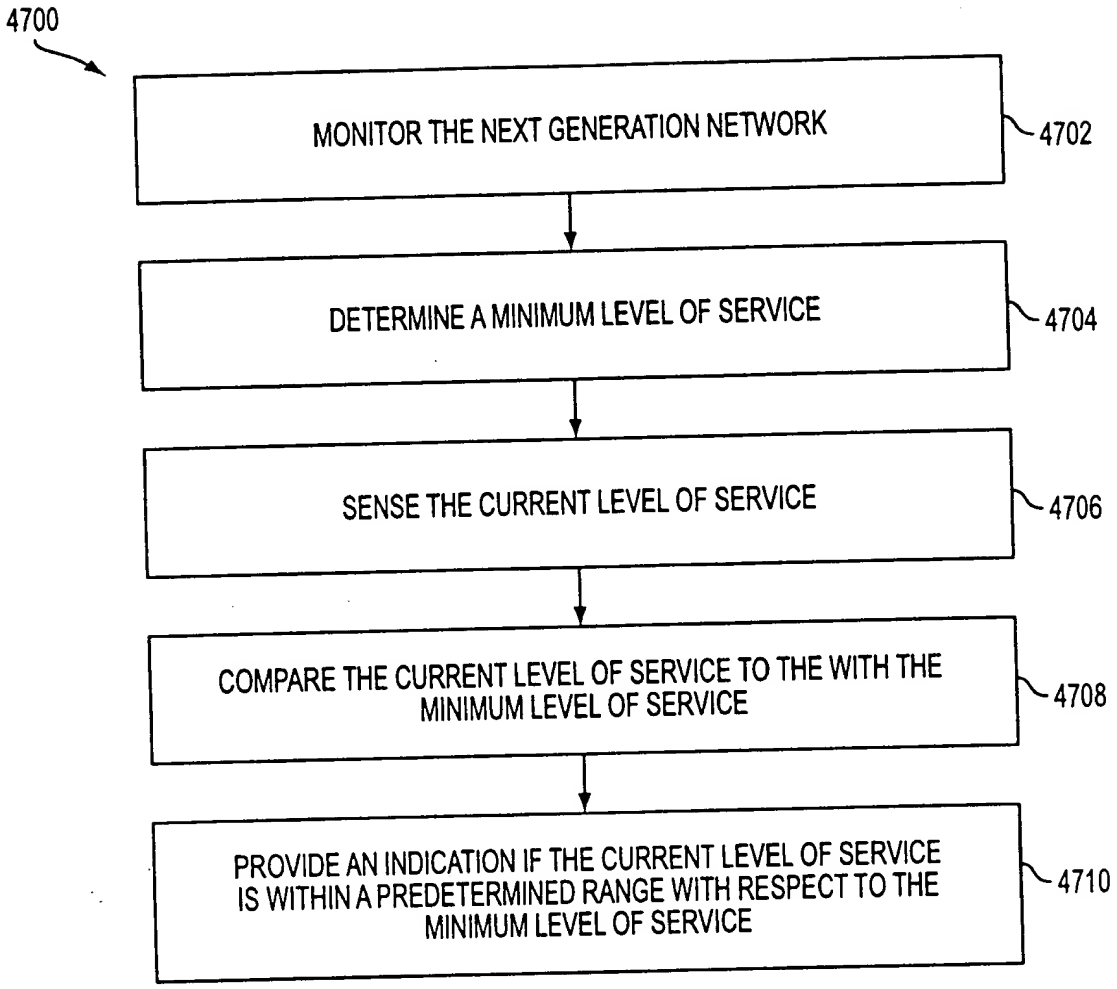


FIG. 47

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC48

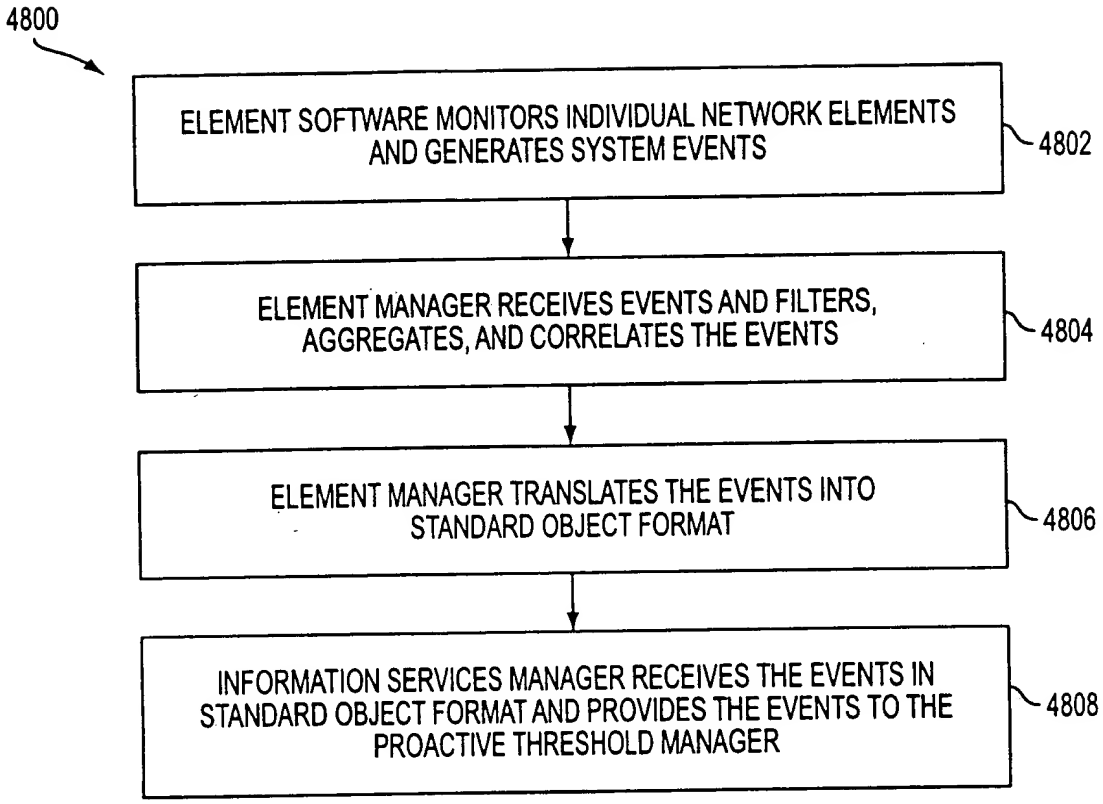


FIG. 48

OIPE
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JC48
PATENT & TRADEMARK OFFICE

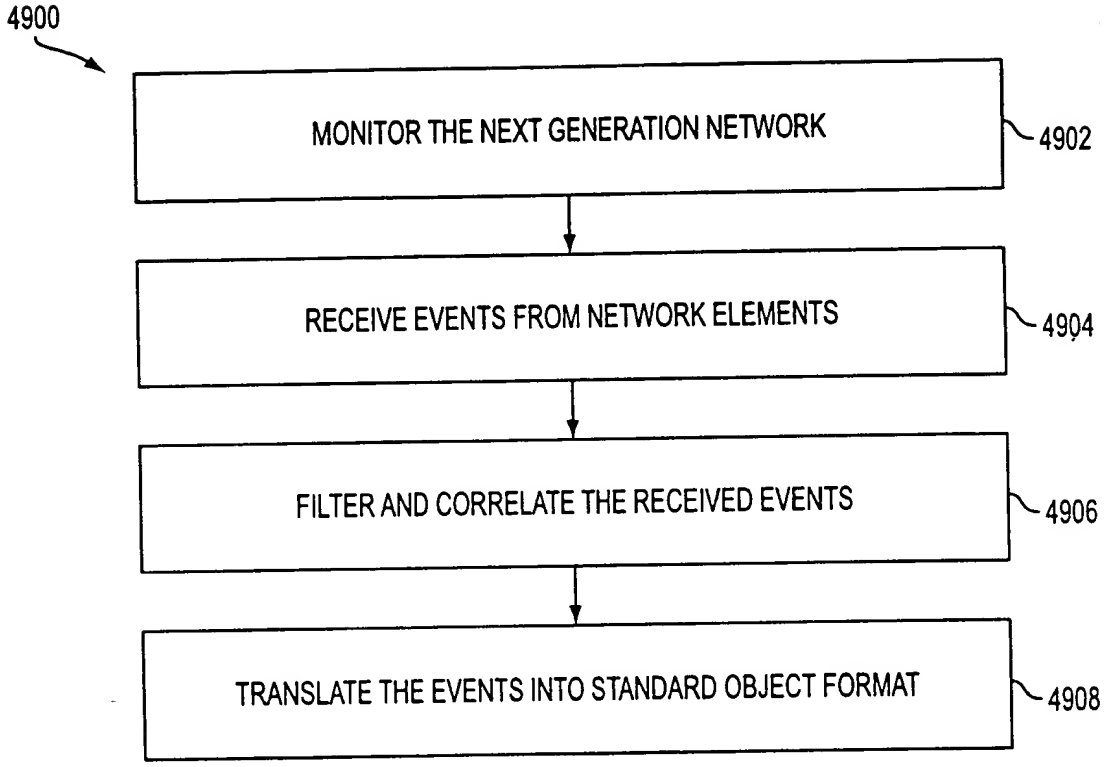

FIG. 49

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

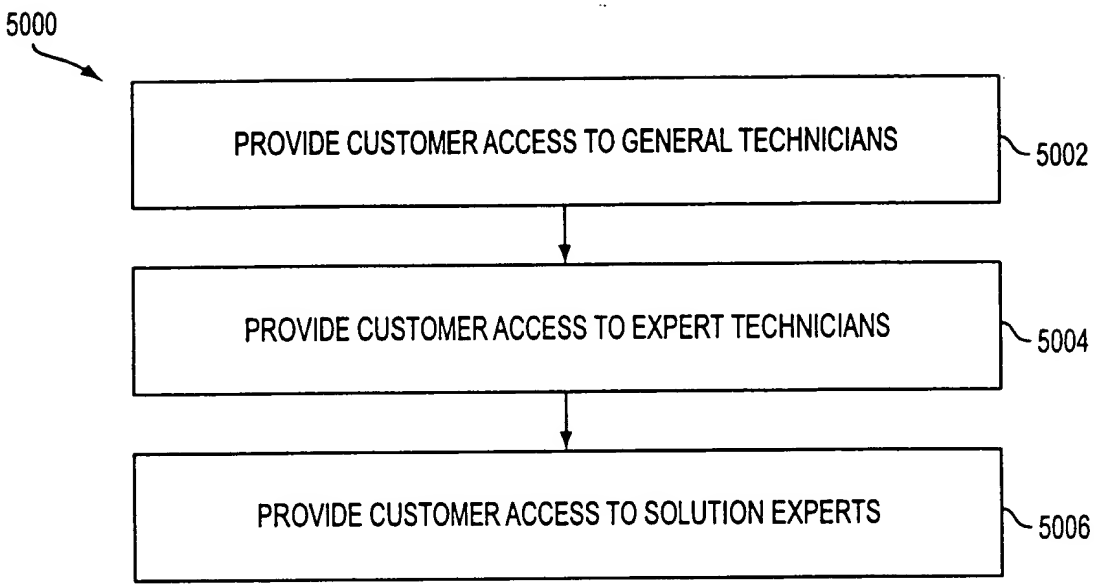

FIG. 50

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC48

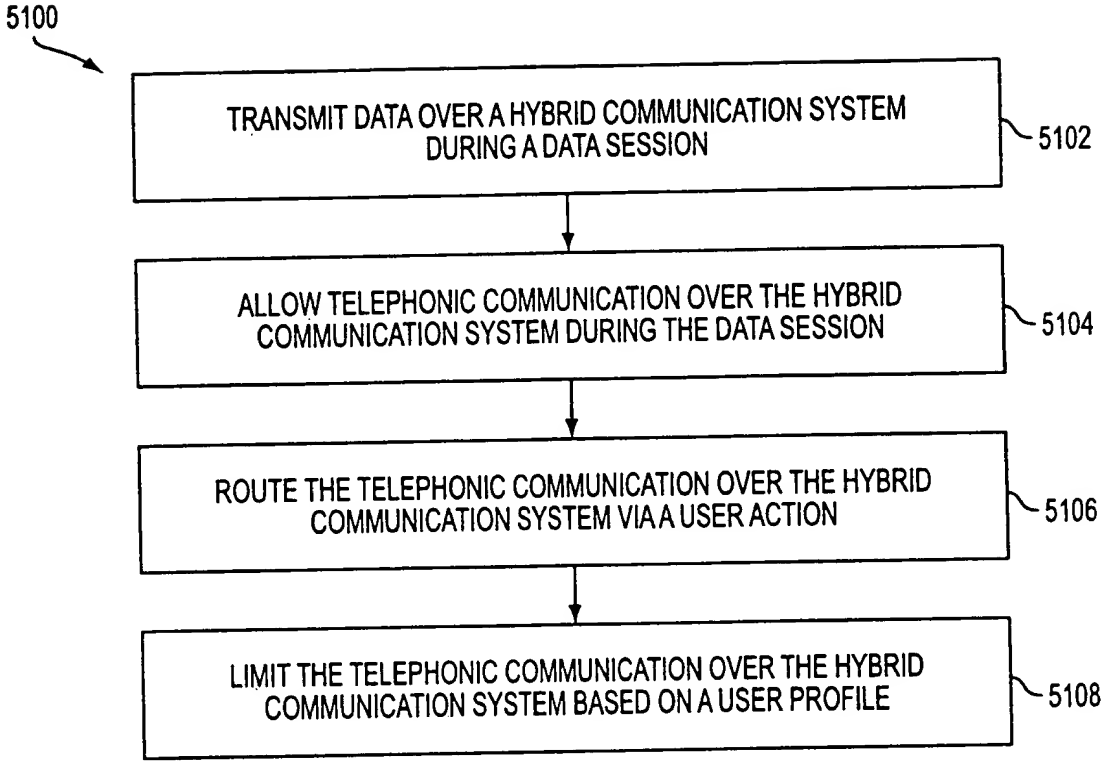

FIG. 51

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

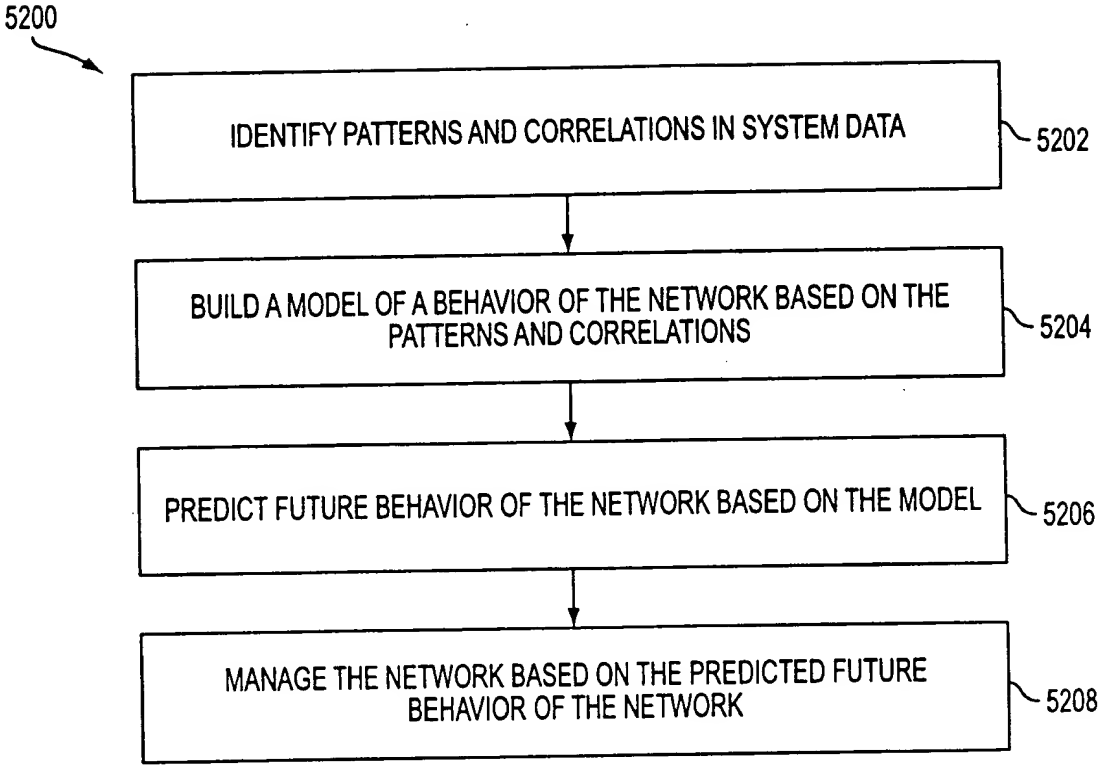

FIG. 52

PATENT & TRADEMARK OFFICE
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JC48

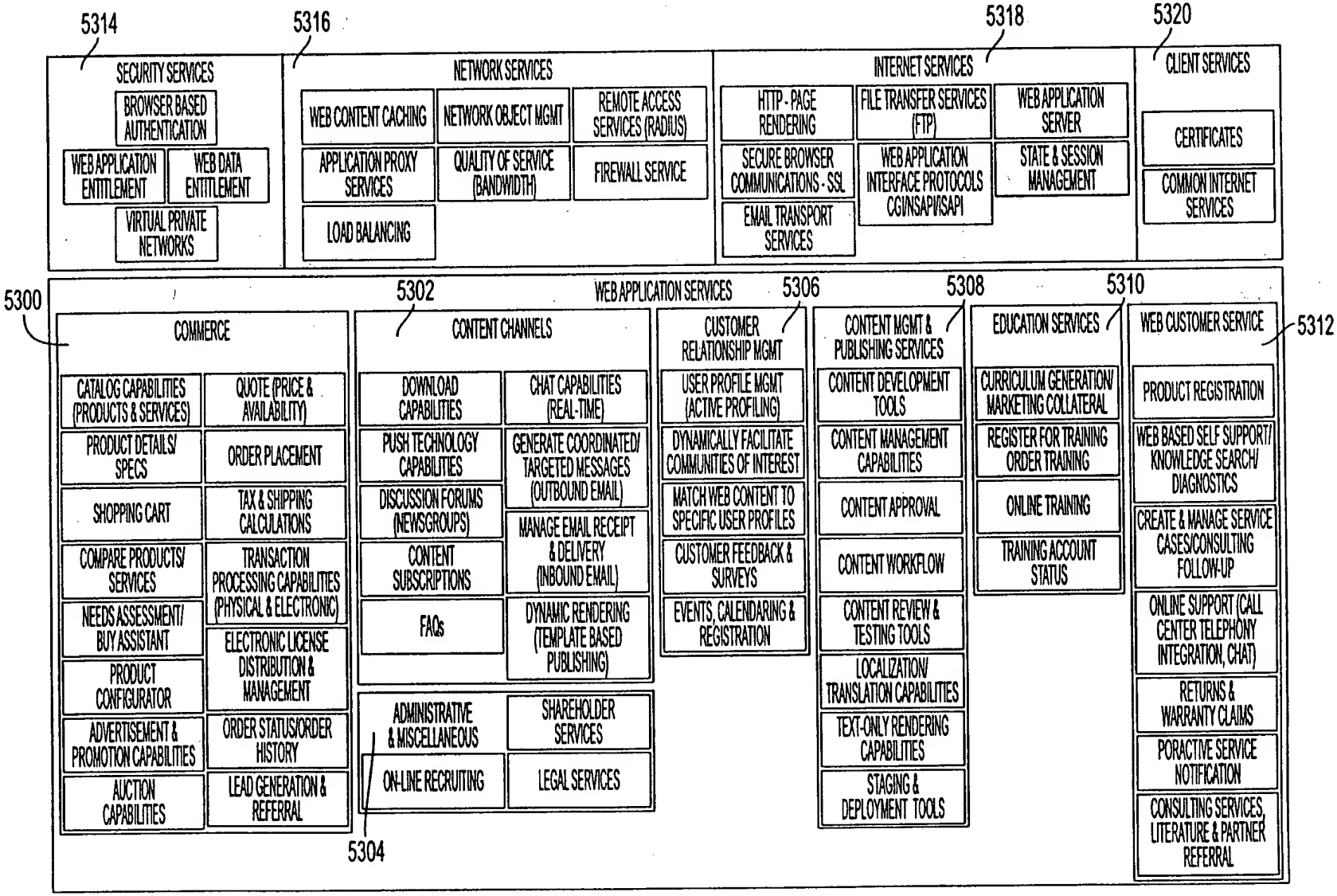

FIG. 53A

PATENT & TRADEMARK OFFICE
DEC 0 1 2003
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JC48

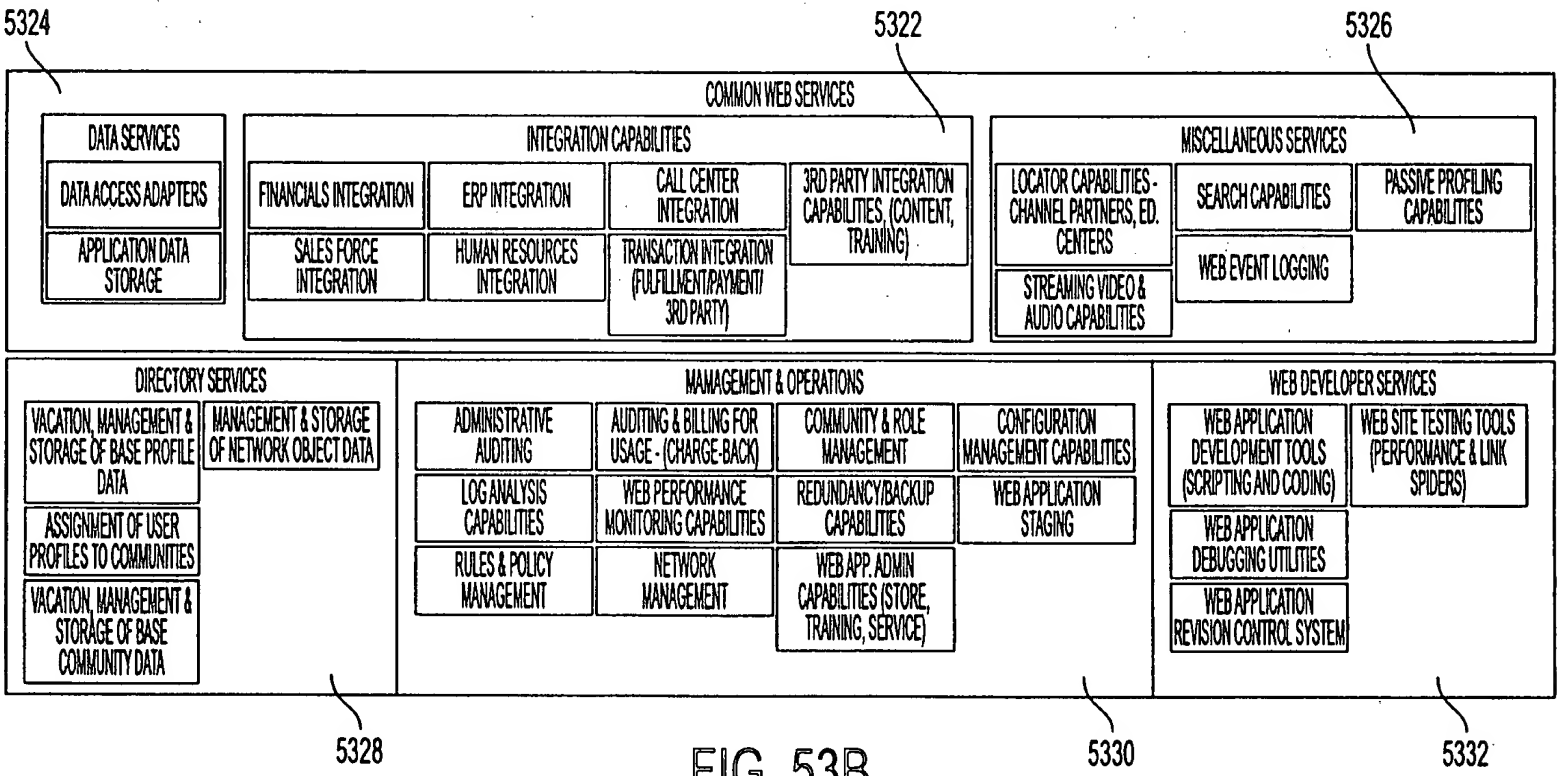

FIG. 53B

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

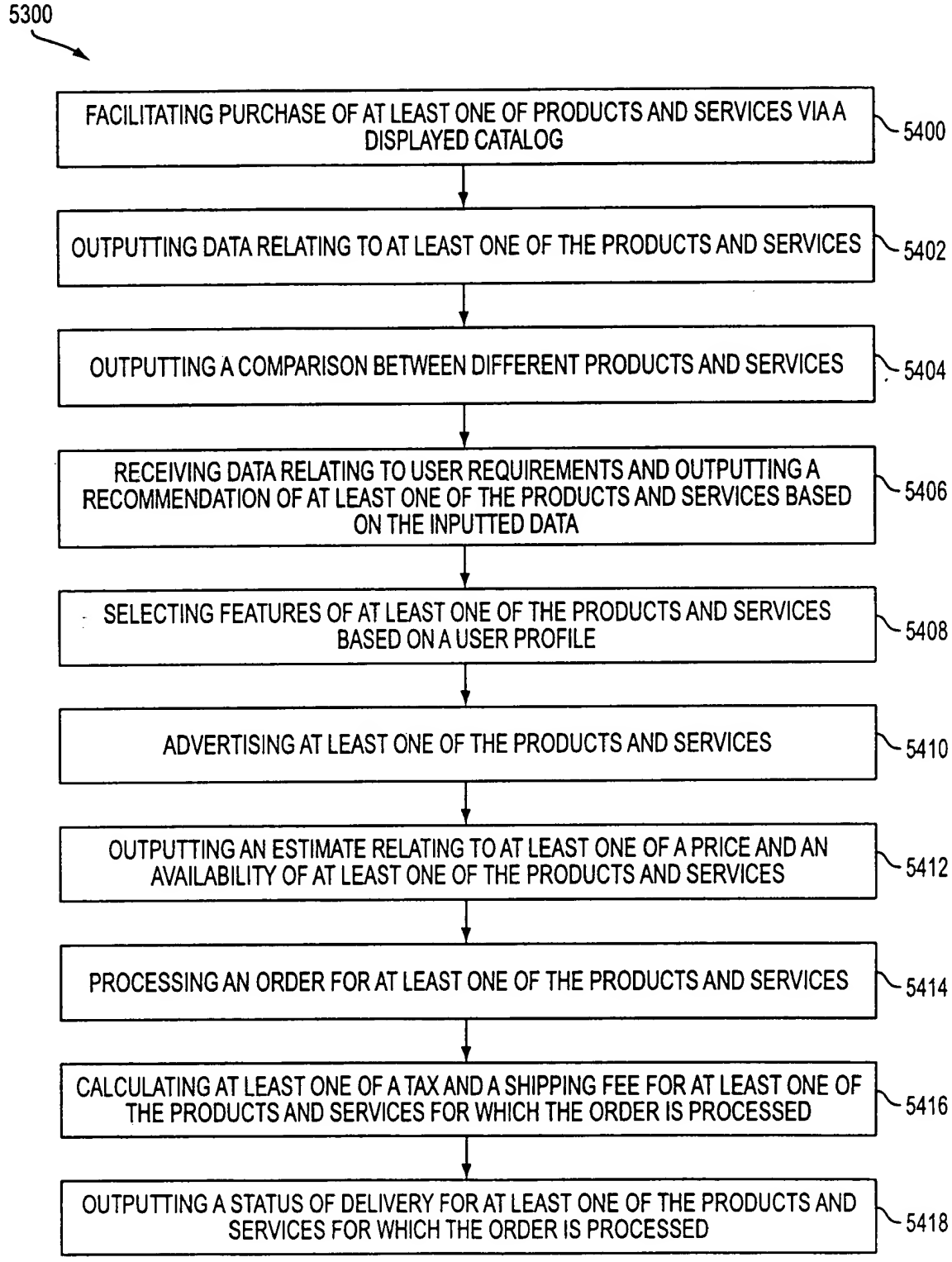

FIG. 54

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

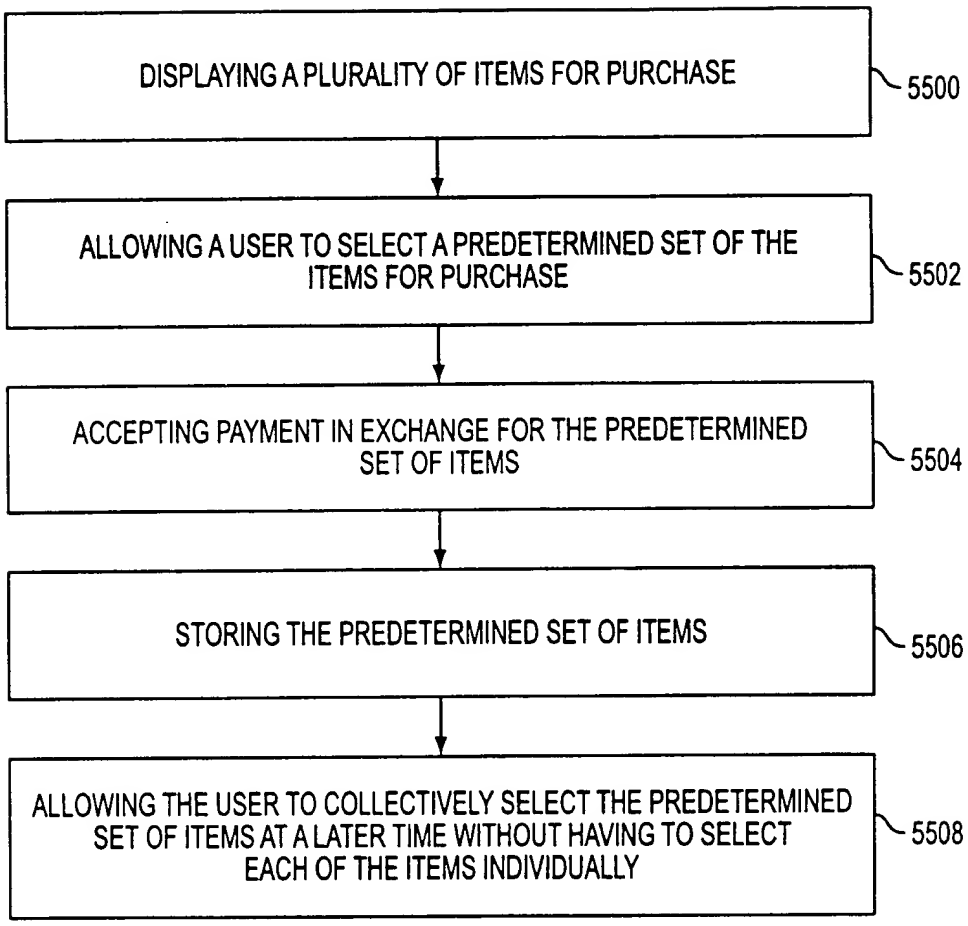

FIG. 55

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC43

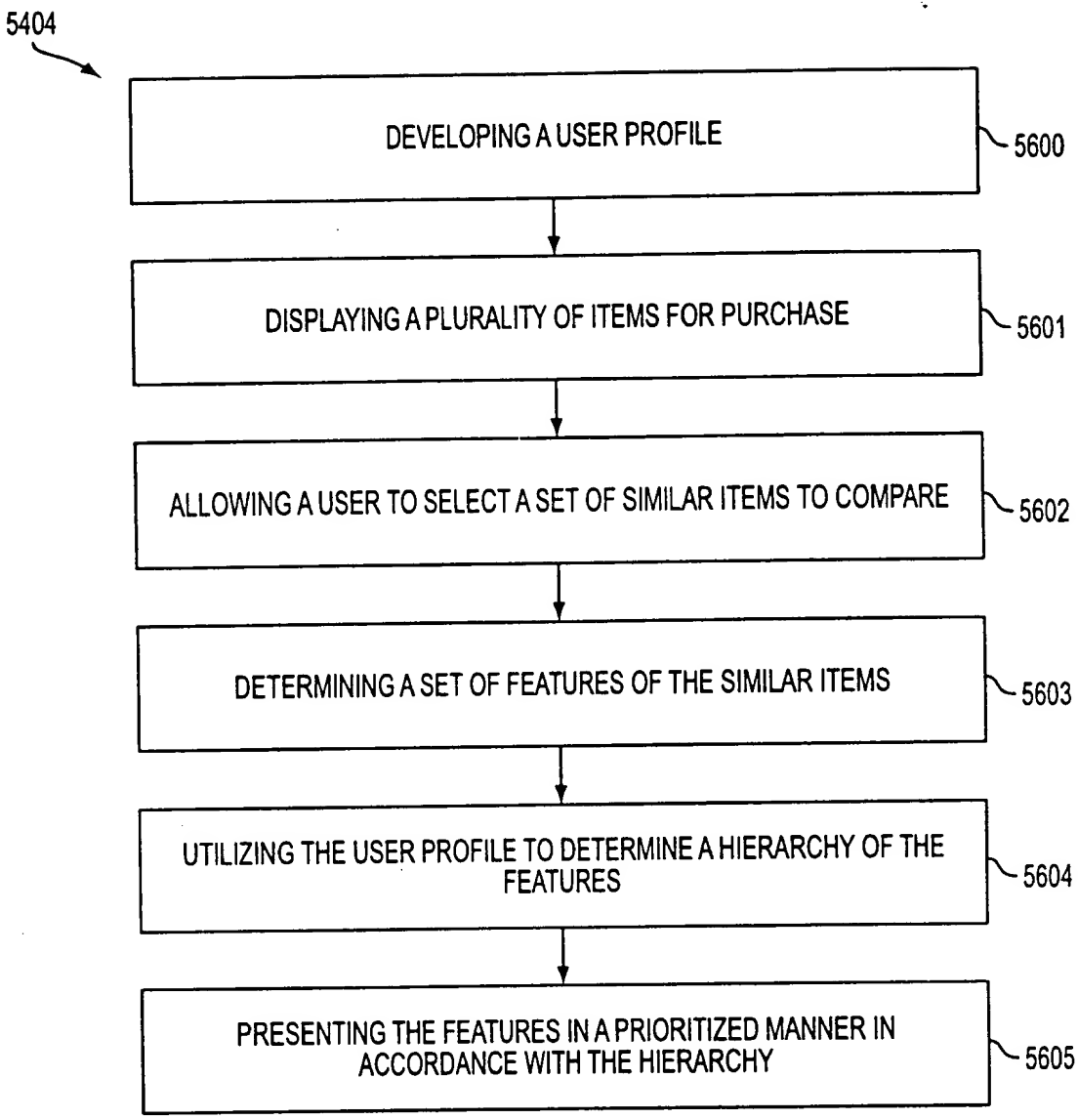

FIG. 56

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

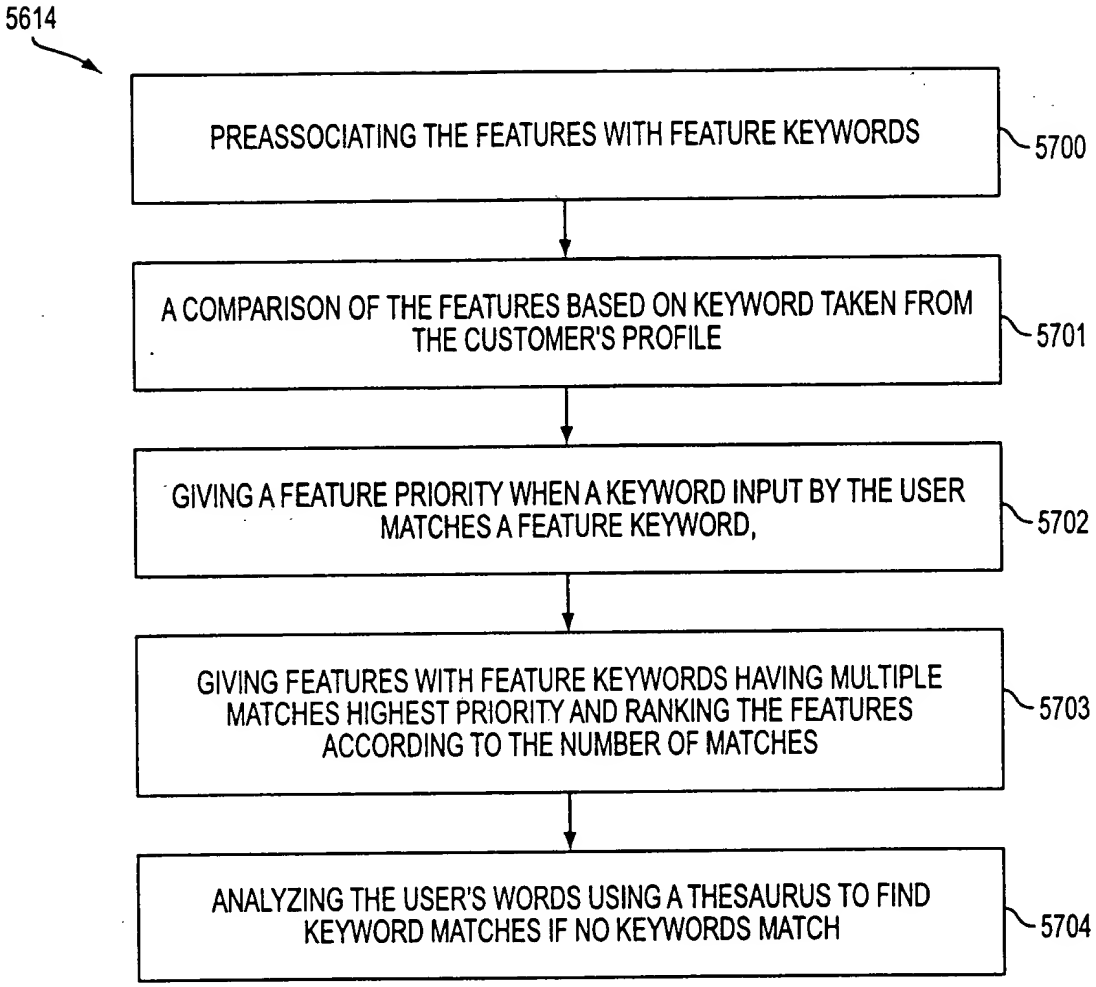

FIG. 57

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

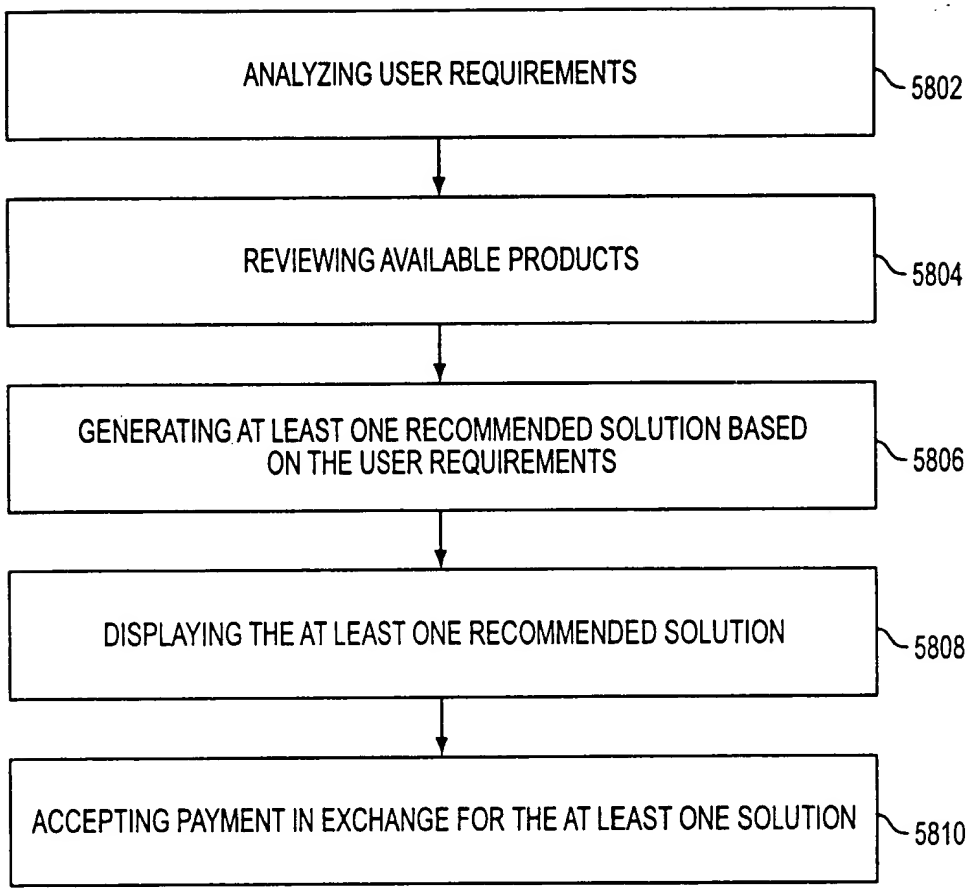

FIG. 58

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

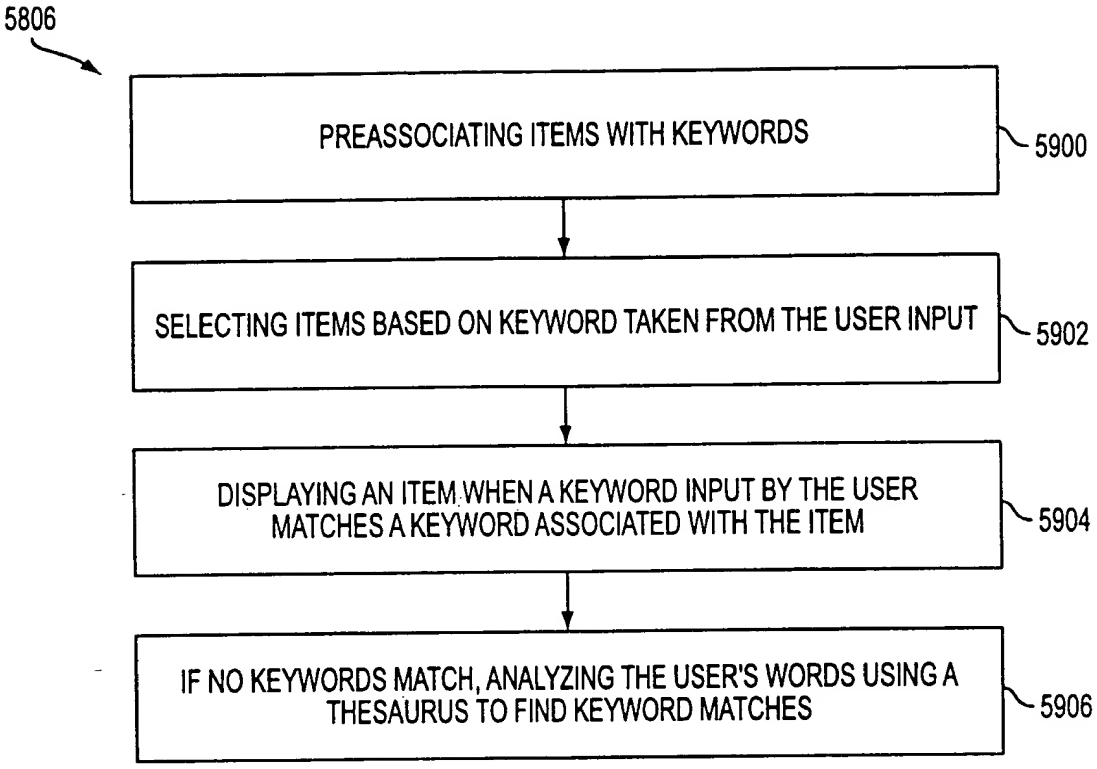

FIG. 59

OIPE JC48
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

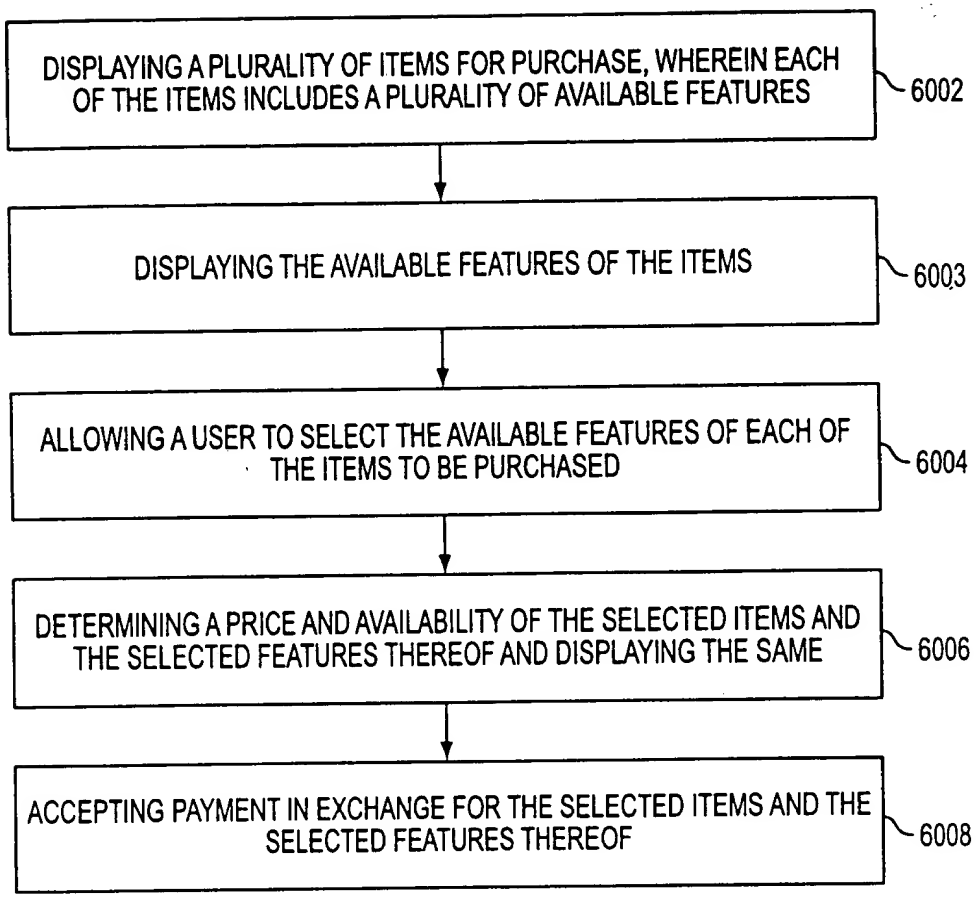

FIG. 60

OIPE JC48
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

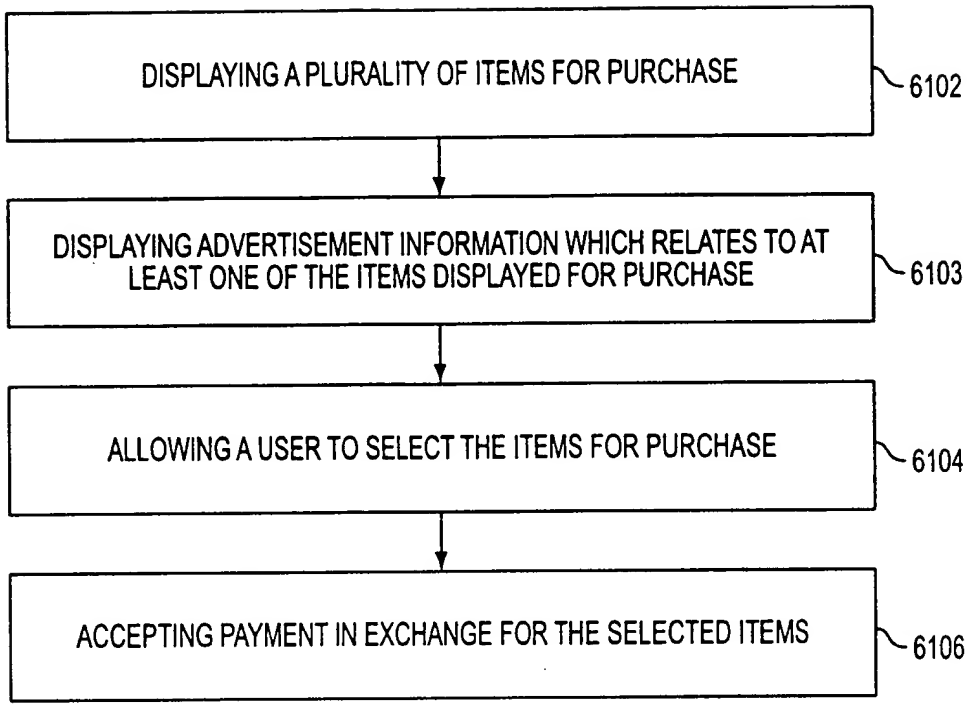

FIG. 61

OIPE JC48
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

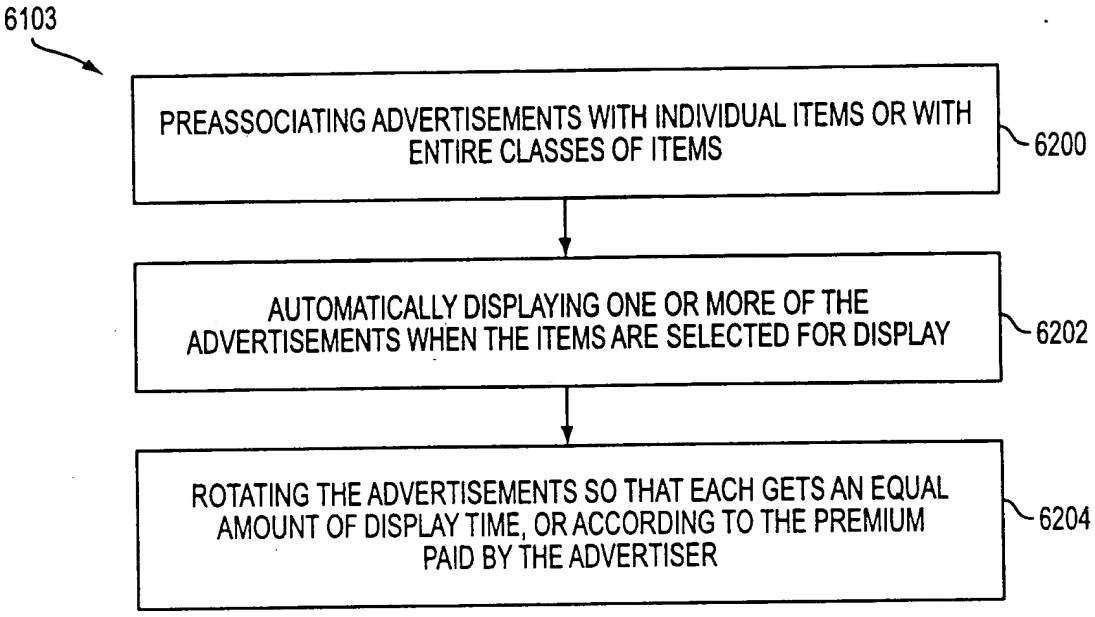

FIG. 62

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

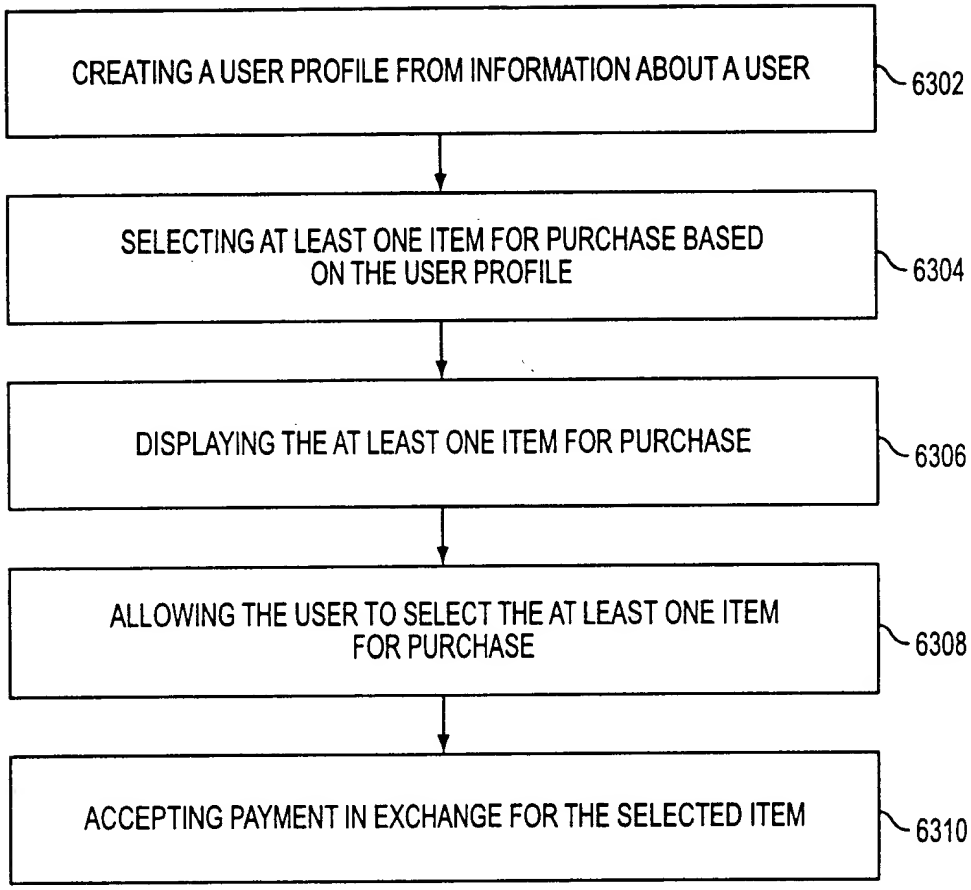

FIG. 63

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

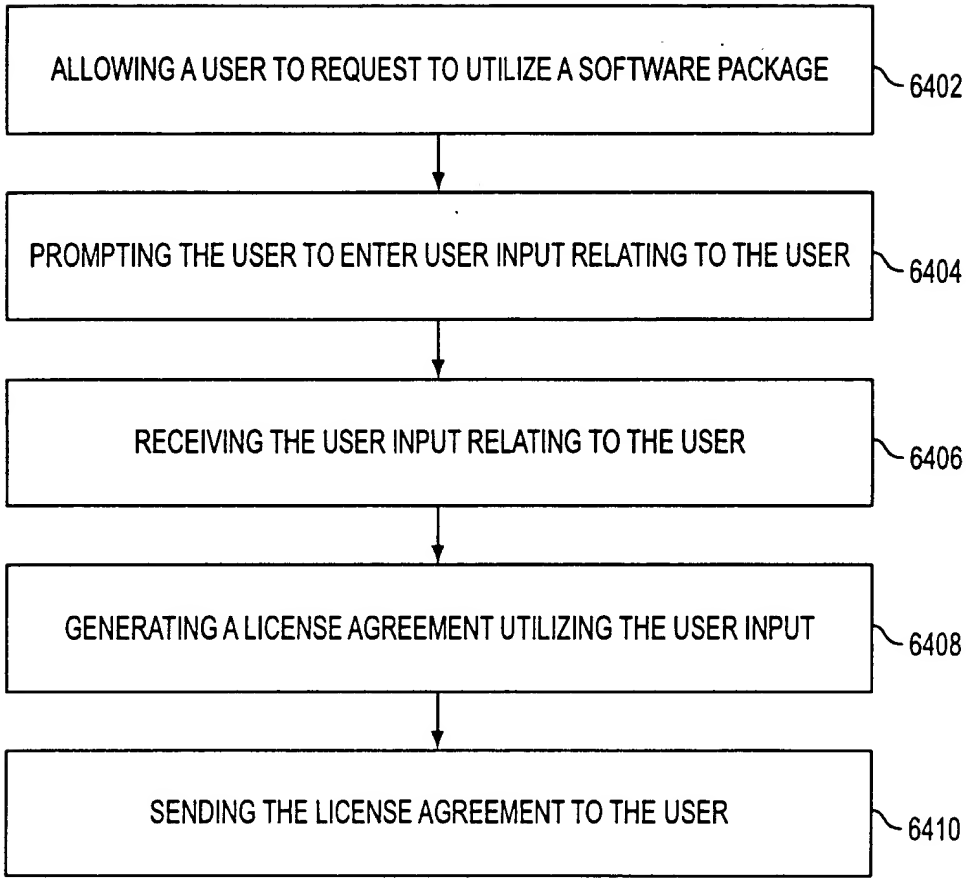

FIG. 64

OIPE JC48
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

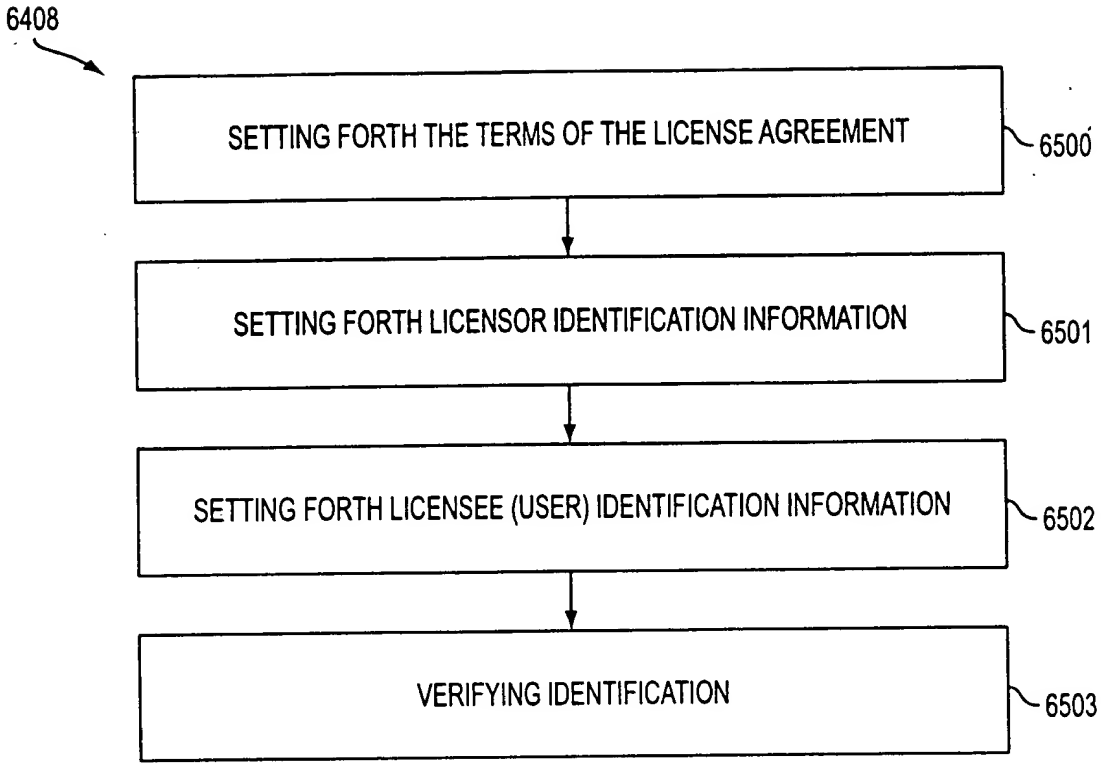

FIG. 65

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

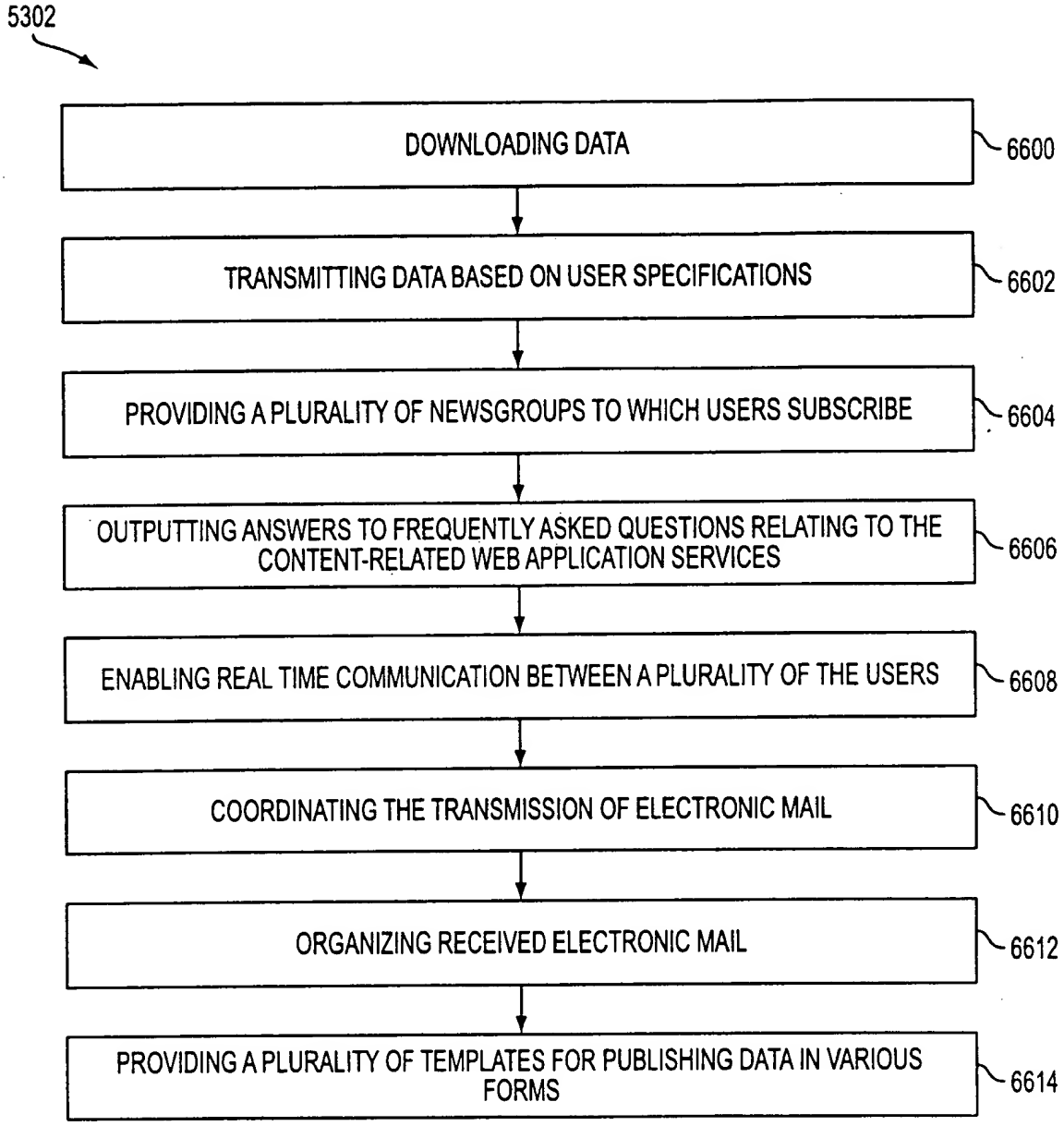

FIG. 66

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

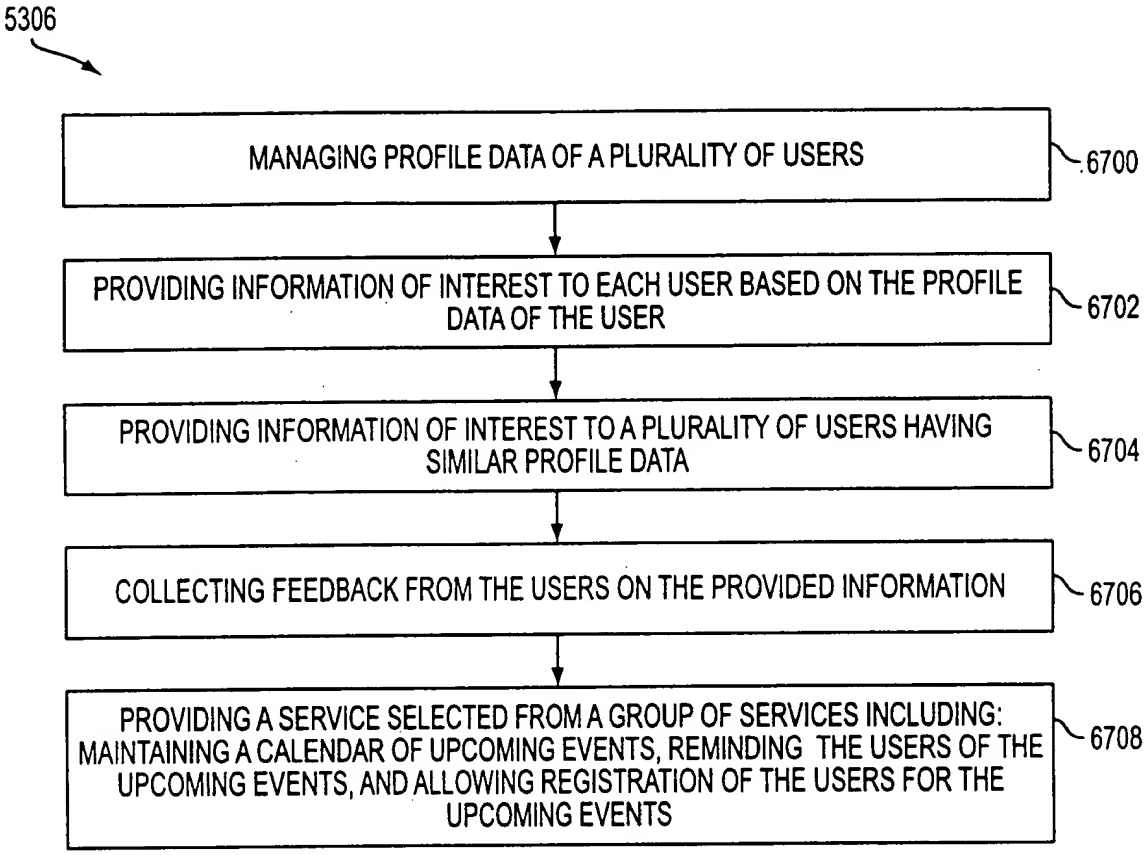

FIG. 67

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

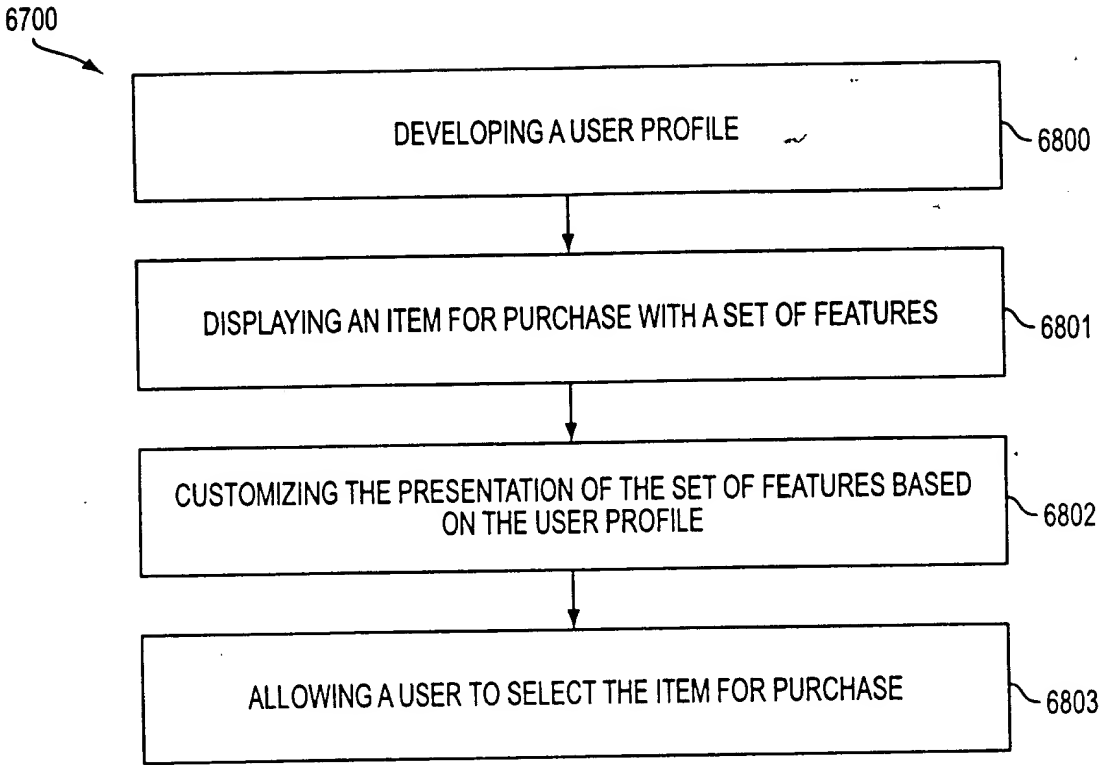

FIG. 68

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

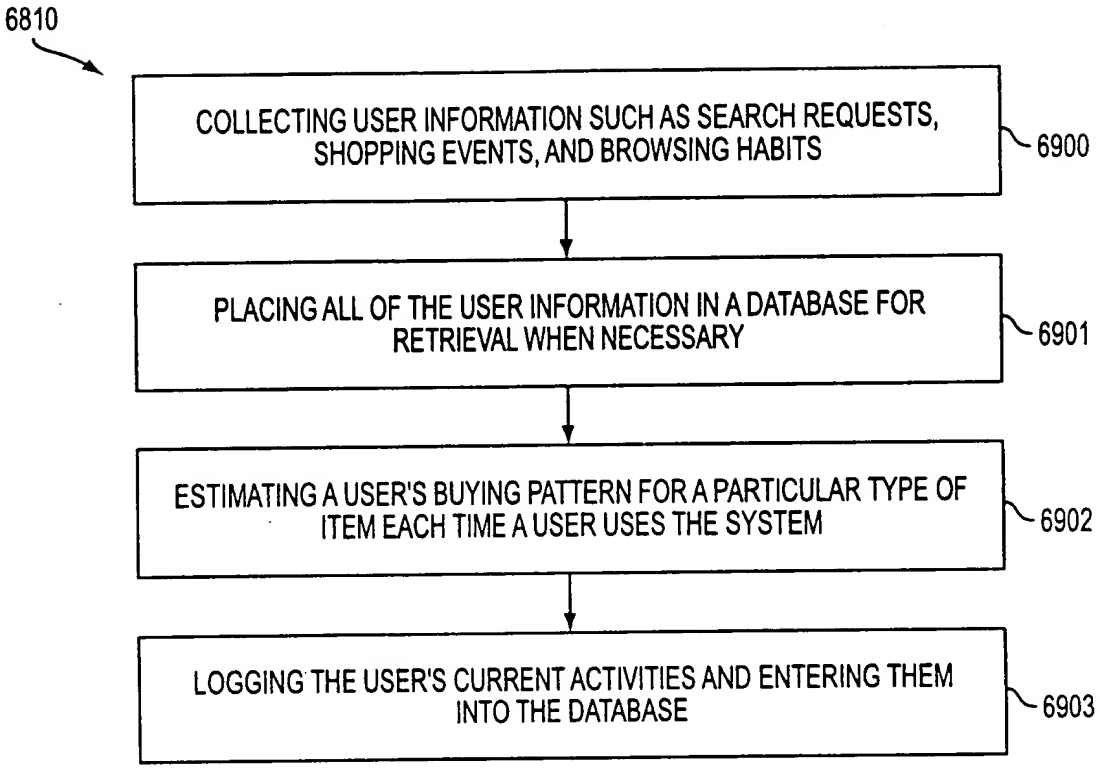

FIG. 69

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC48

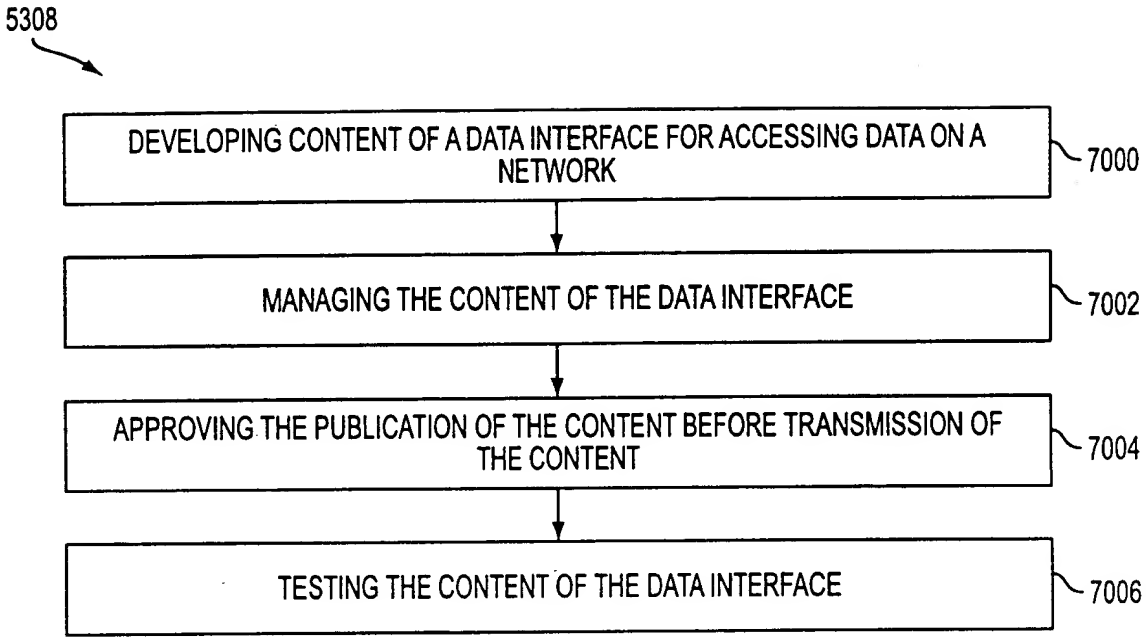

FIG. 70

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

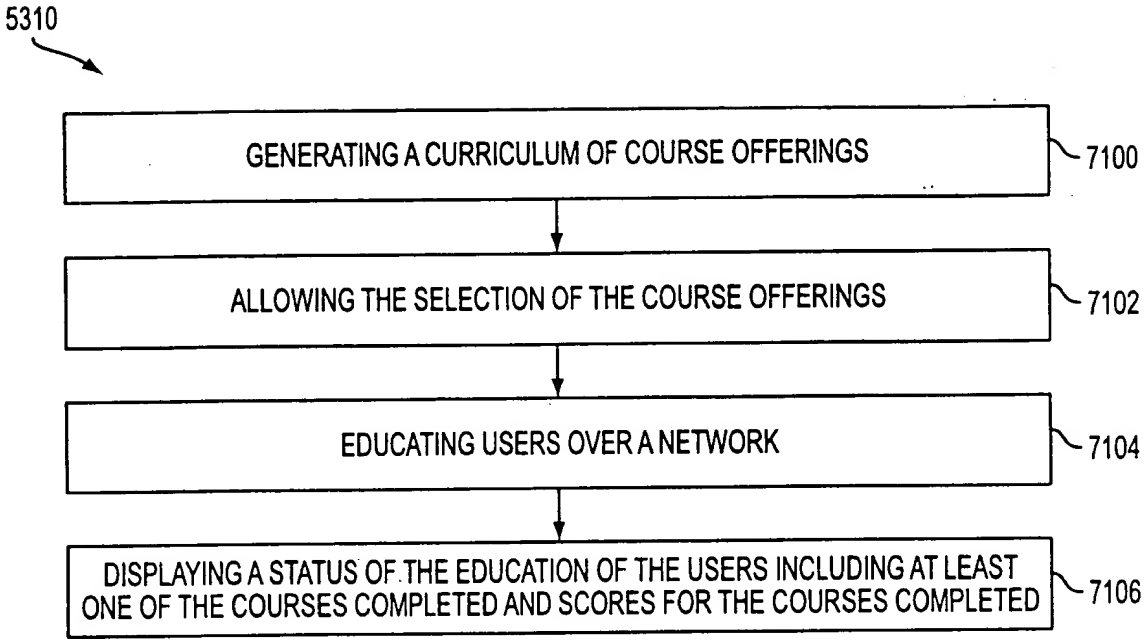

FIG. 71

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

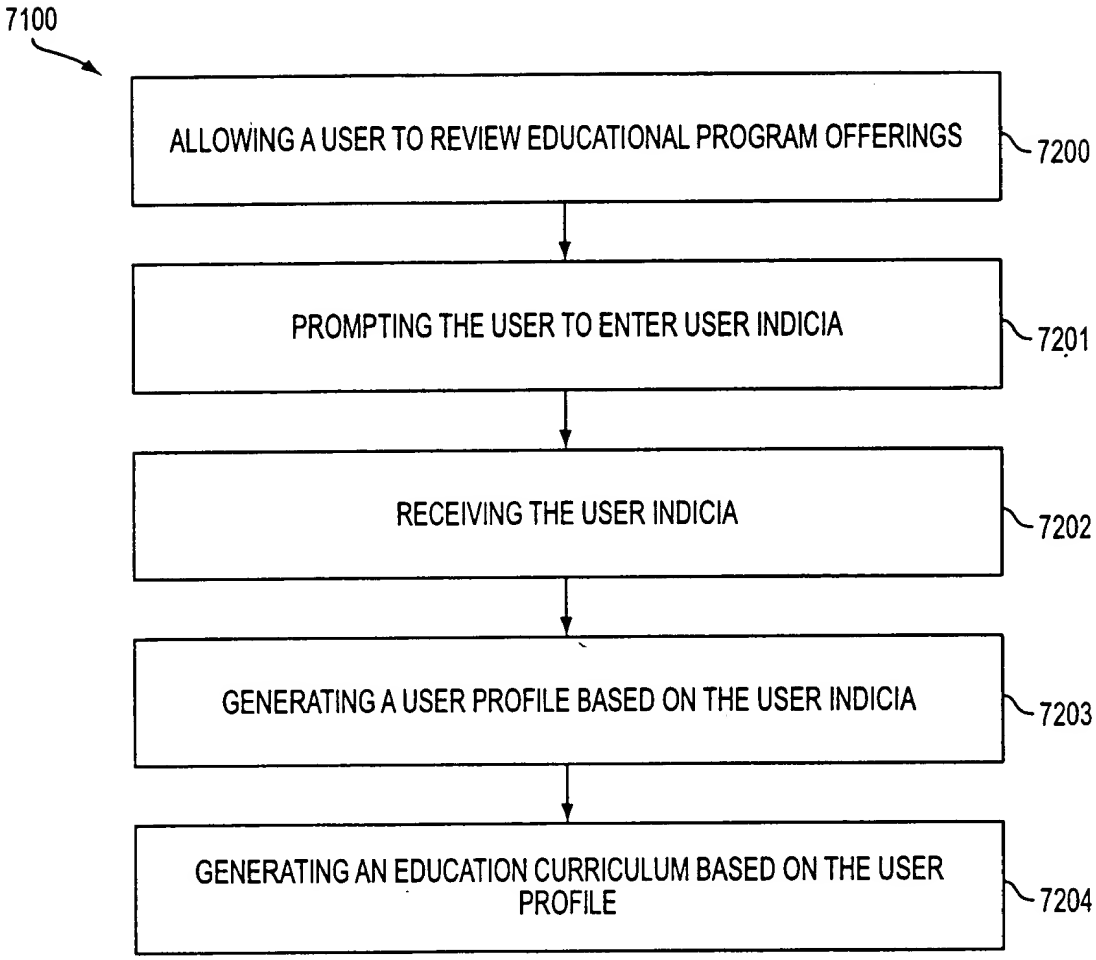

FIG. 72

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

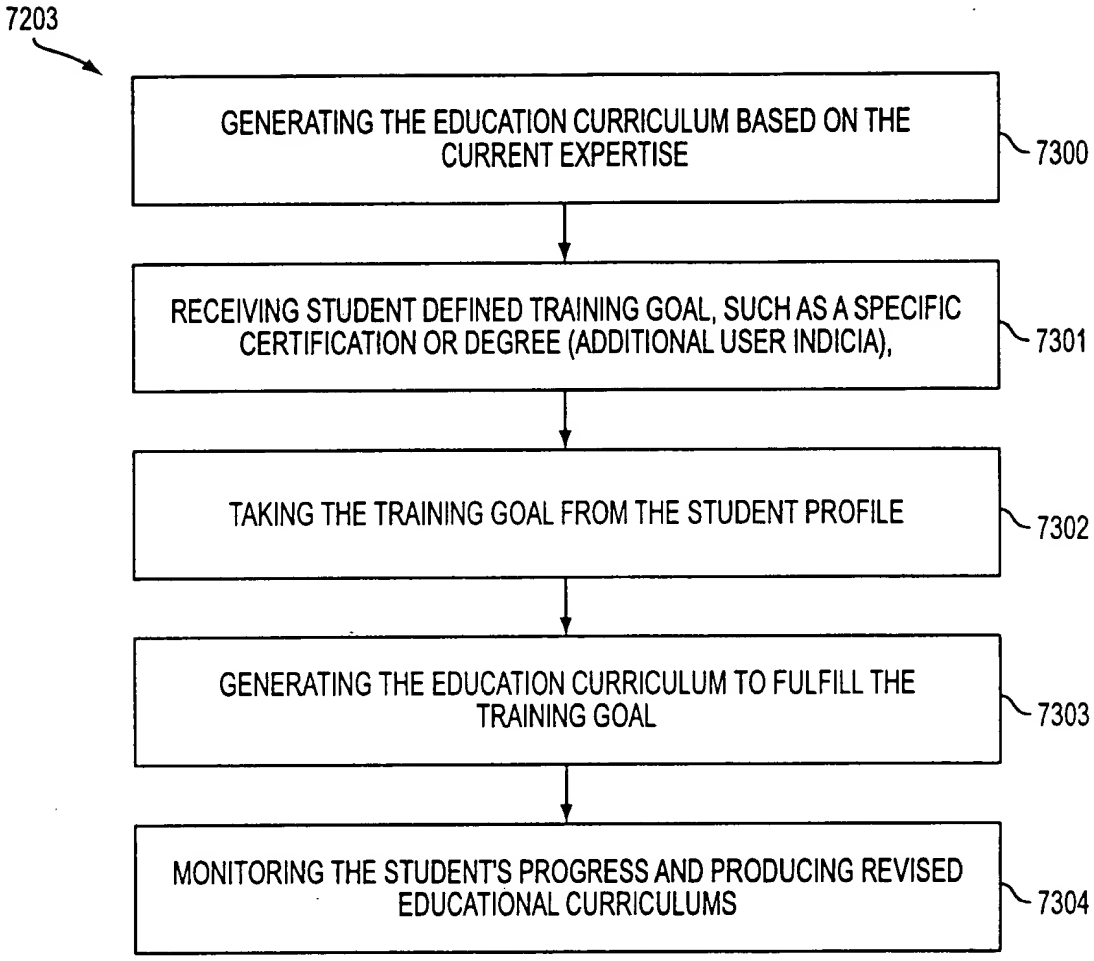

FIG. 73

OIPE JC48
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

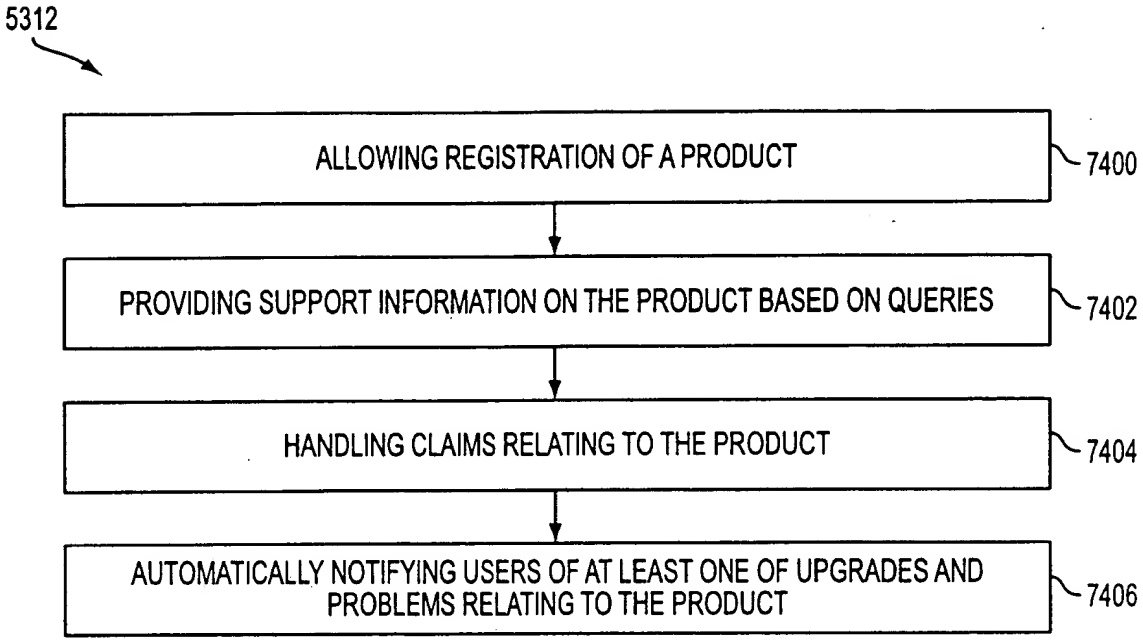

FIG. 74

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC48

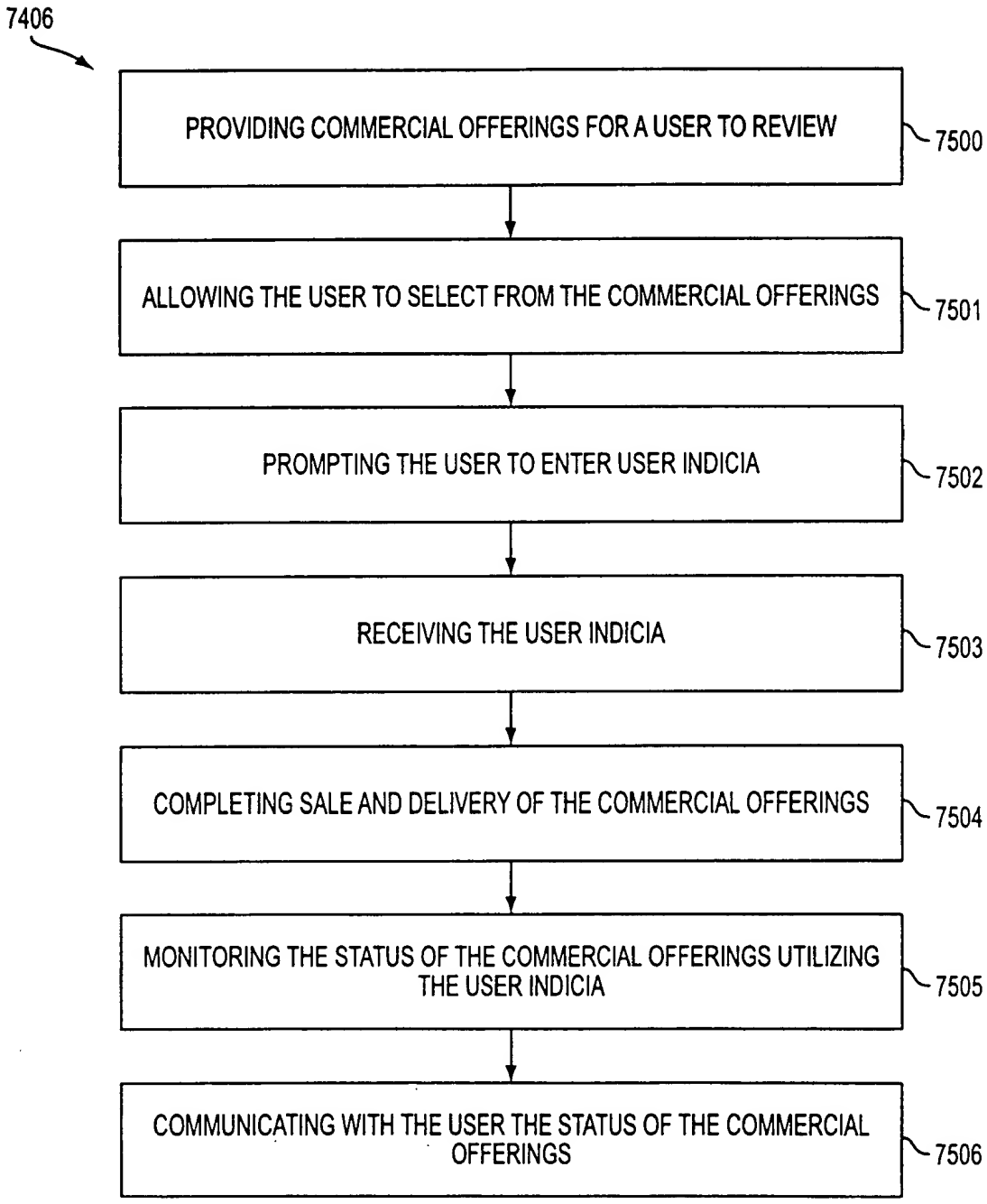

FIG. 75

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC48

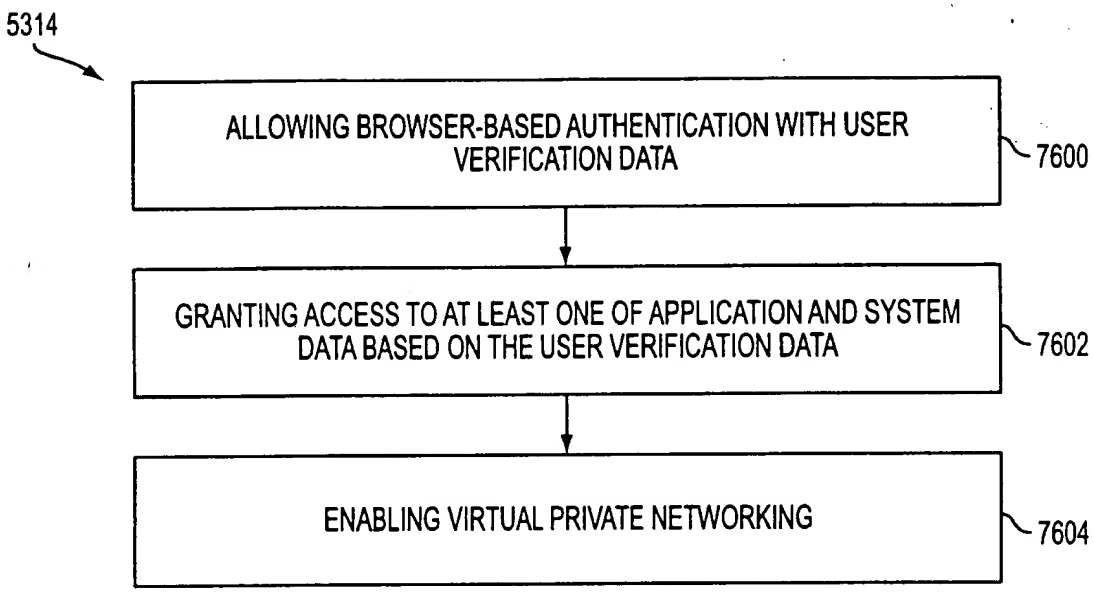

FIG. 76

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC48

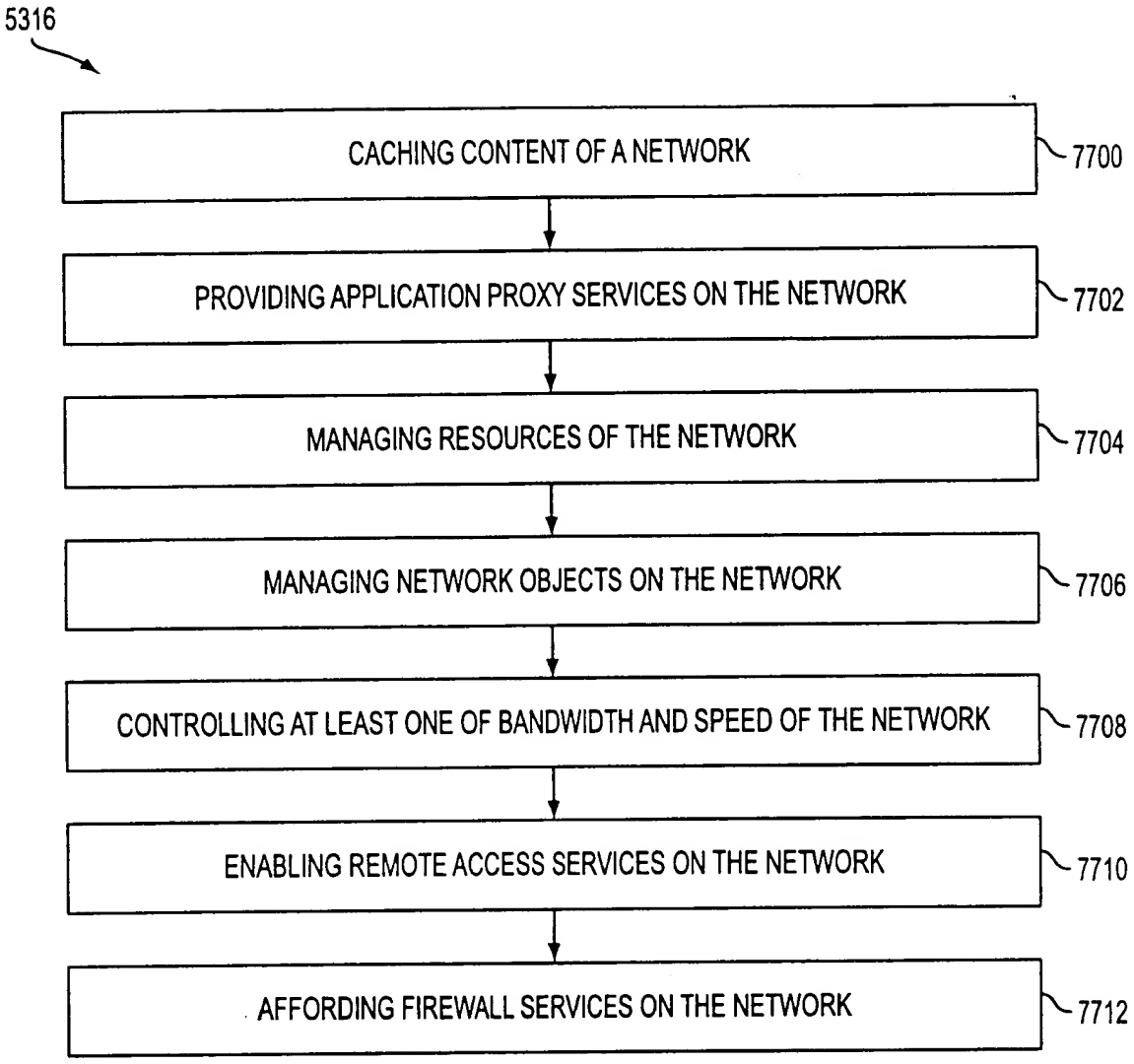

FIG. 77

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC48

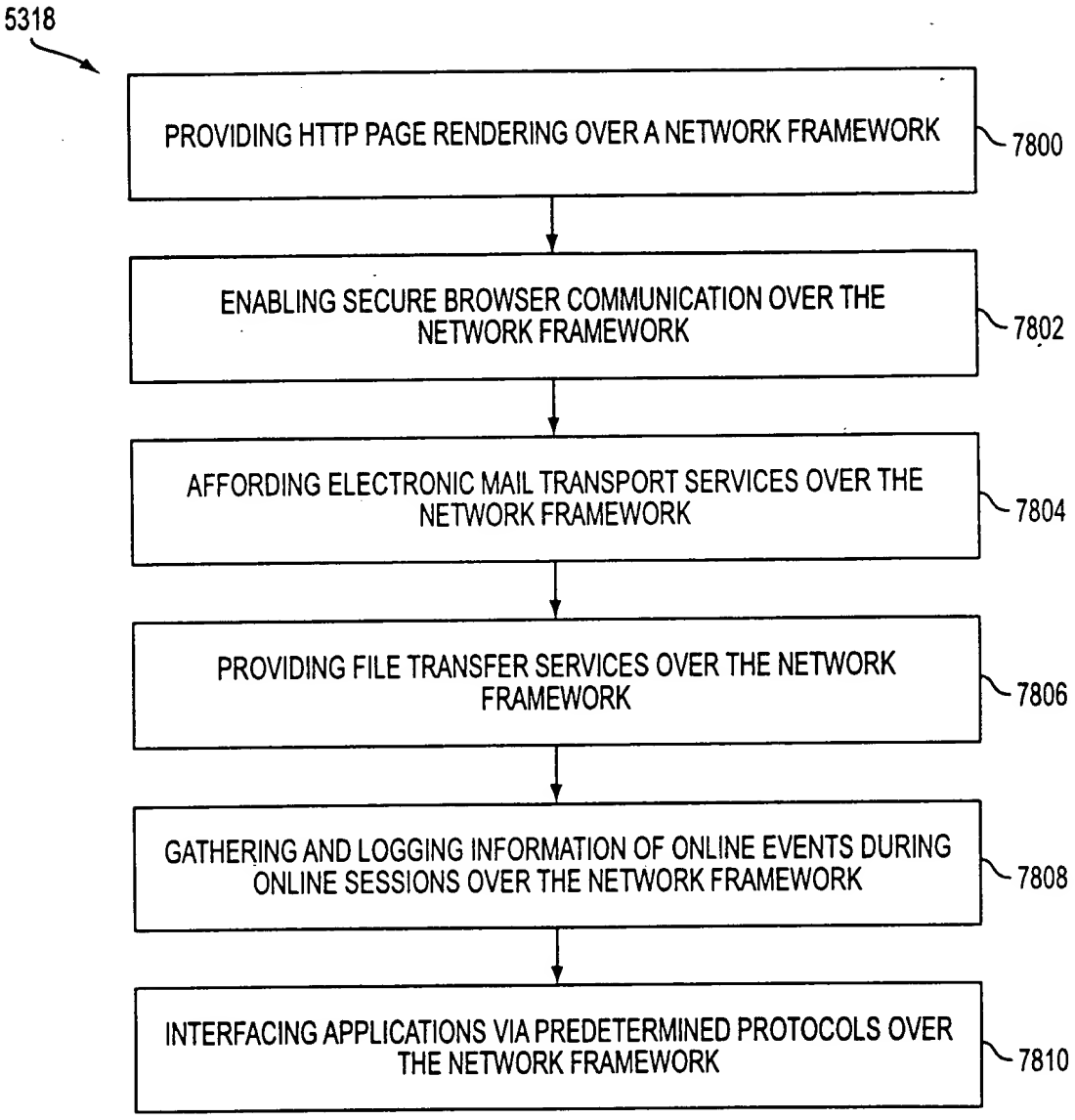

FIG. 78

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC46

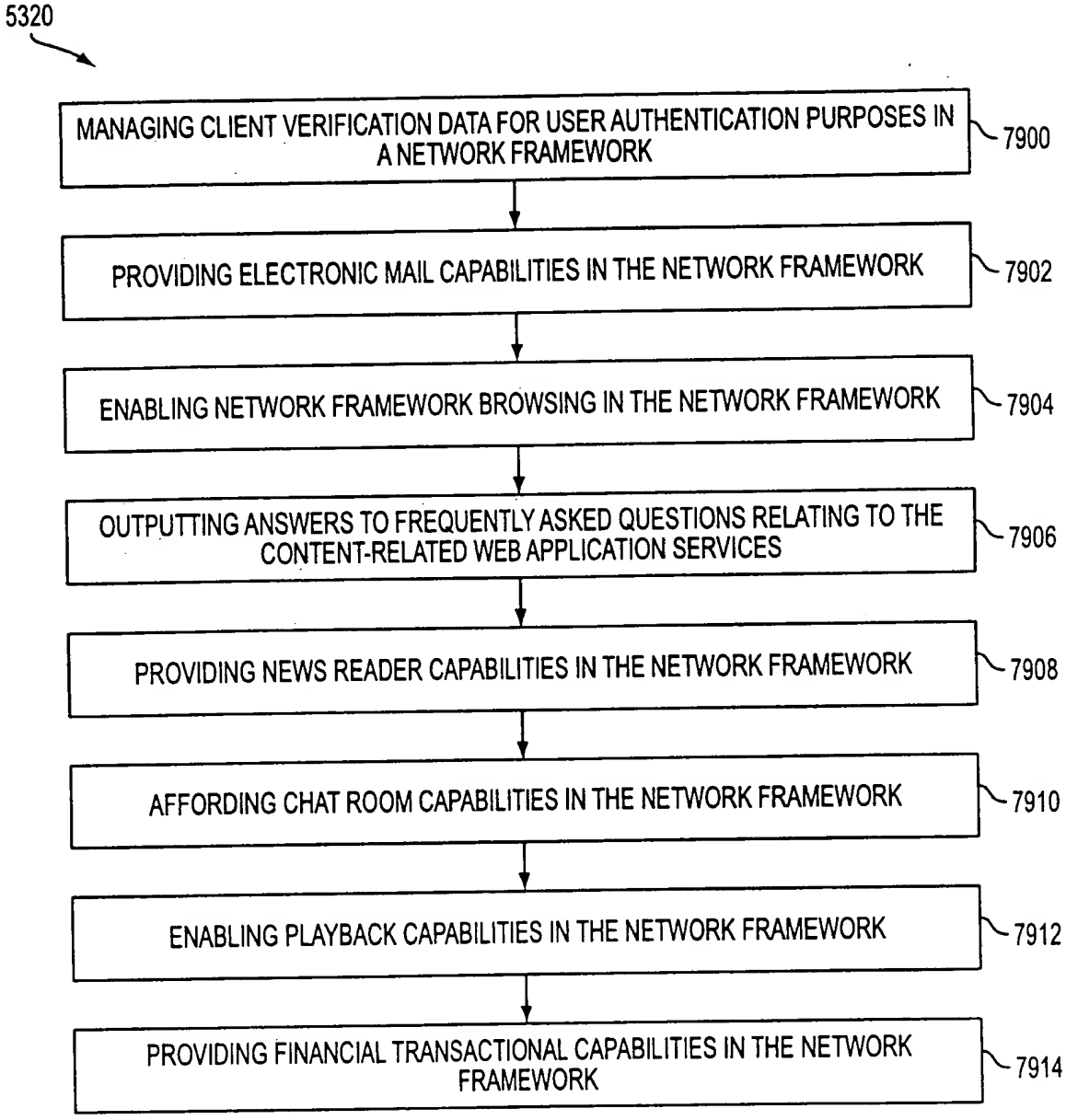

FIG. 79

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

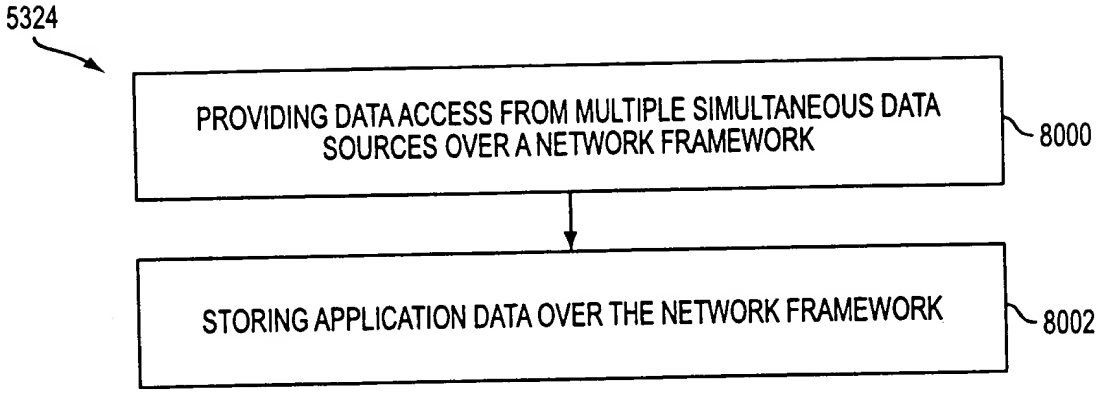

FIG. 80

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

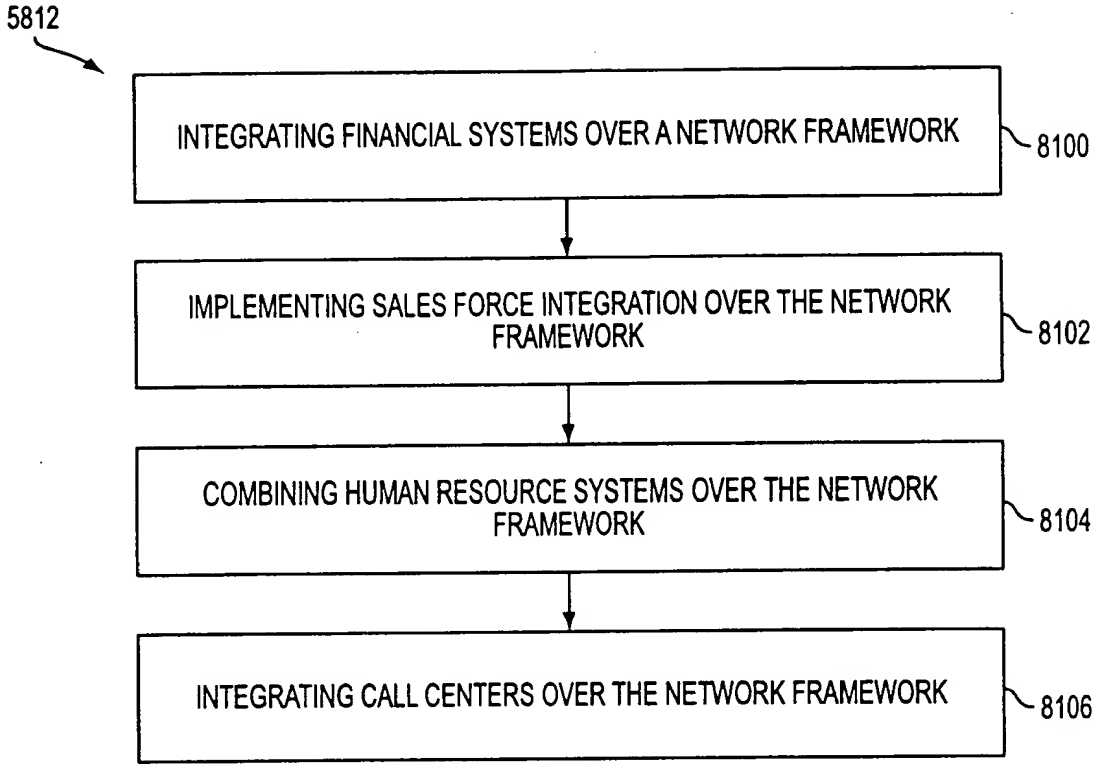

FIG. 81

PATENT & TRADEMARK OFFICE
DEC 0 1 2003
JC48

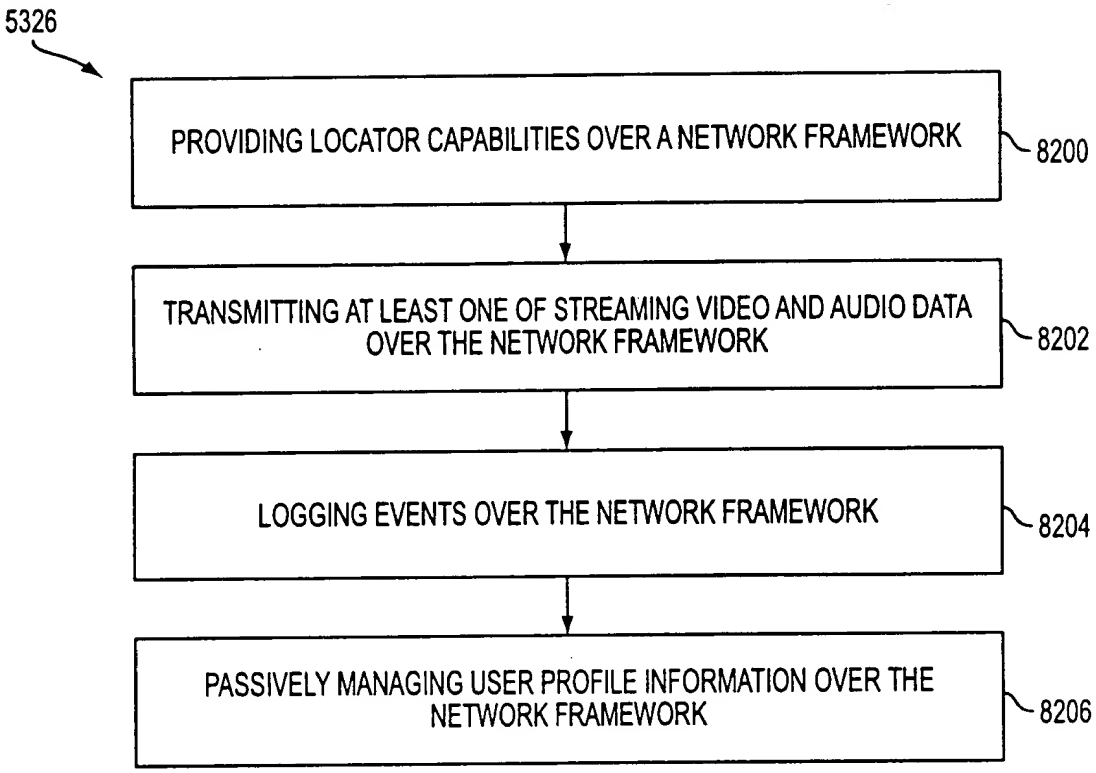

FIG. 82

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC48

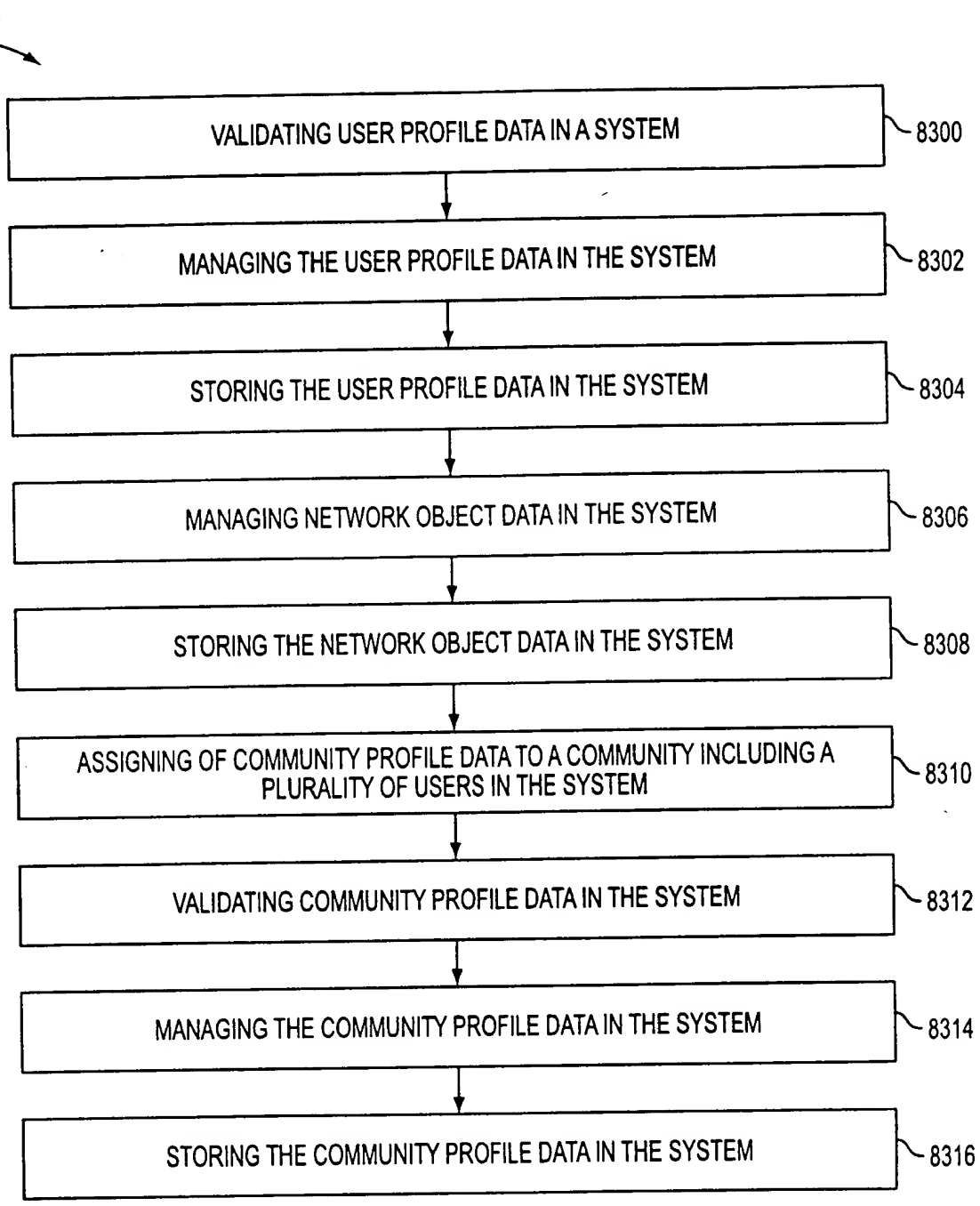

FIG. 83

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

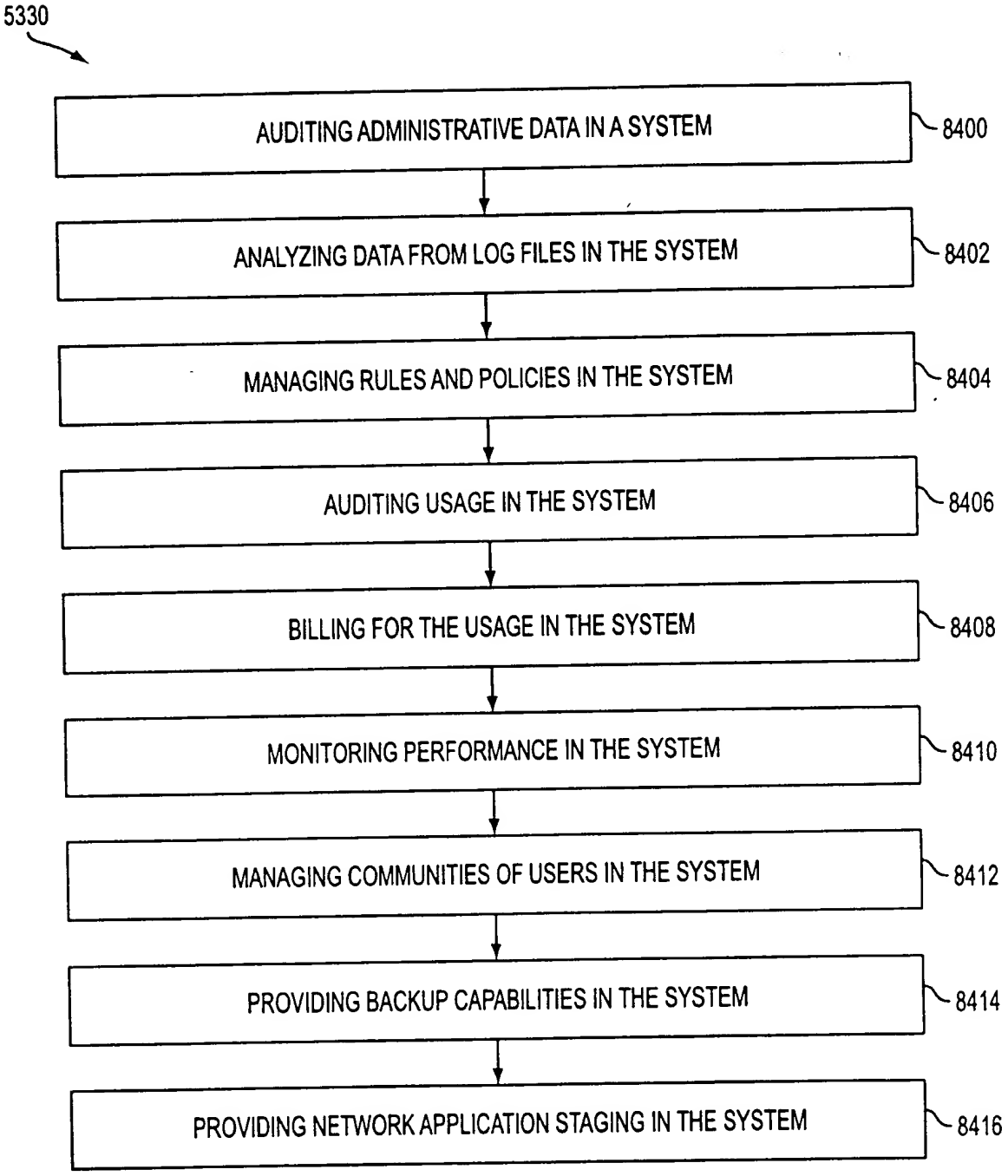

FIG. 84

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

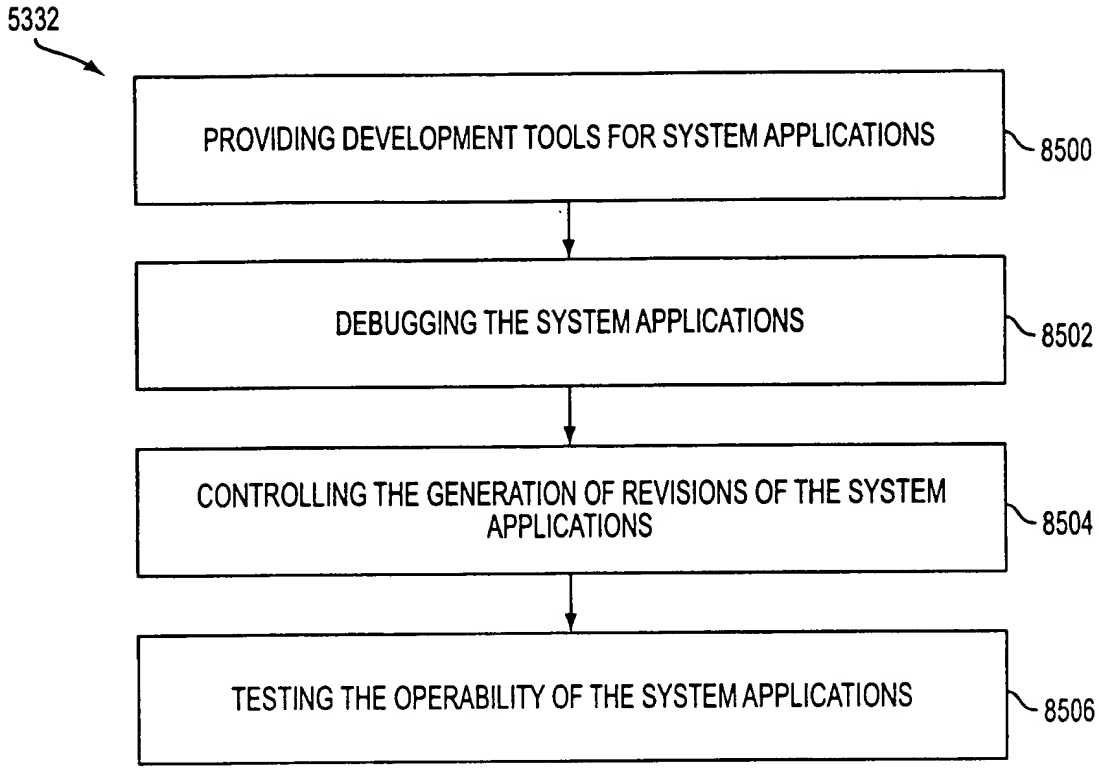

FIG. 85

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

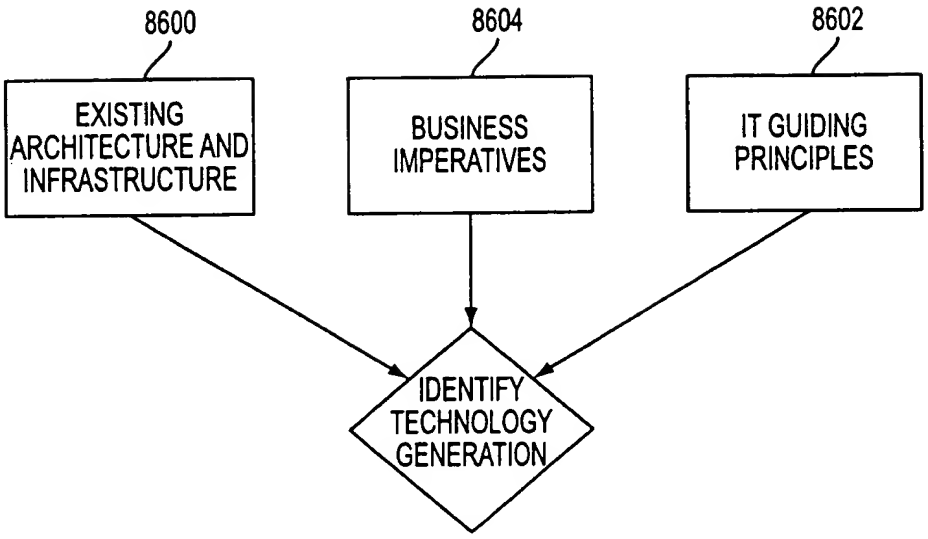

FIG. 86

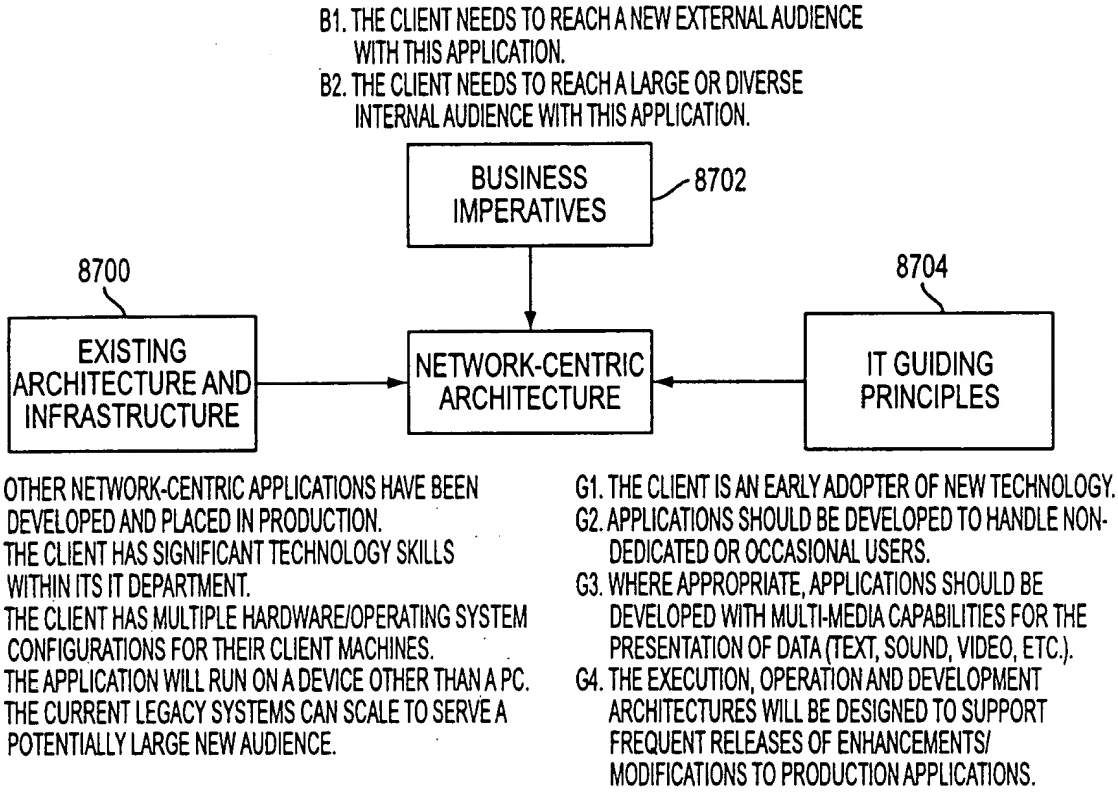

FIG. 87

PTO
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

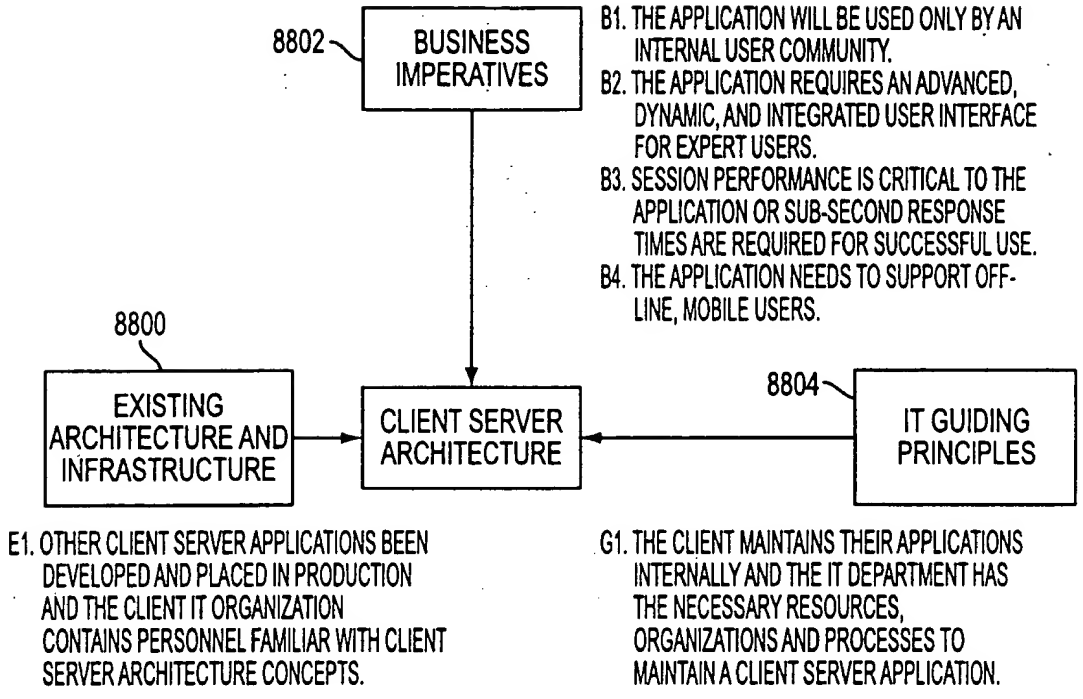

FIG. 88

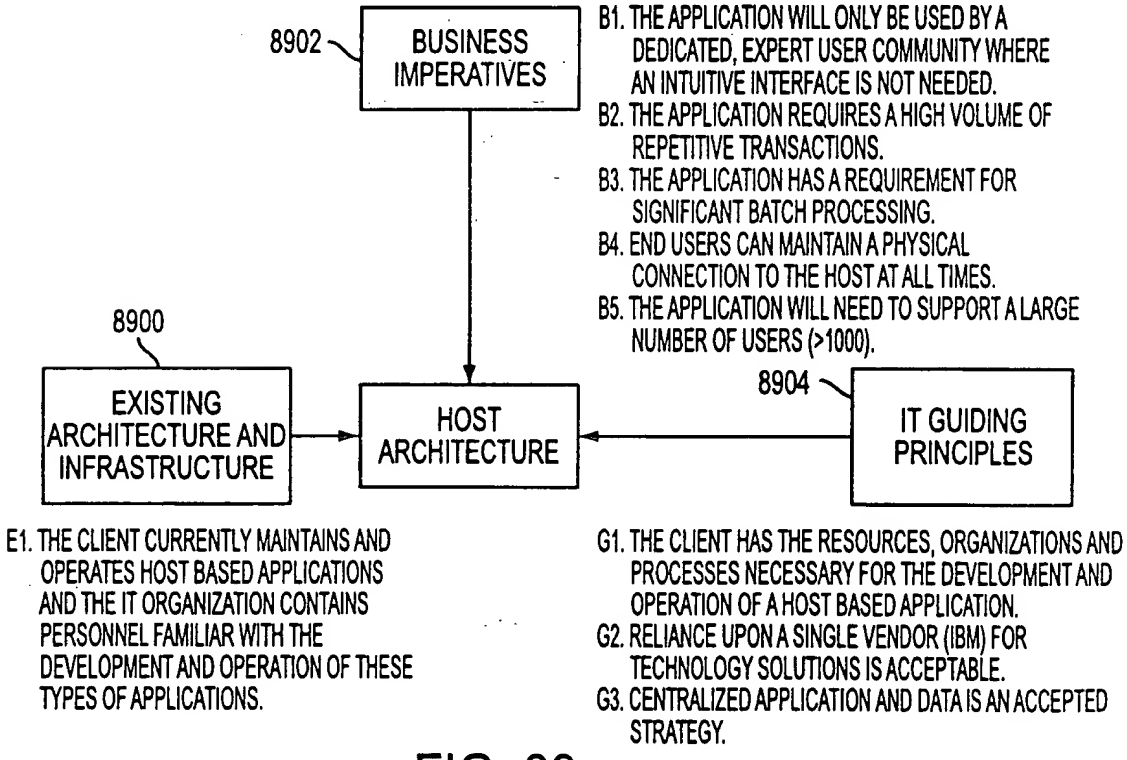

FIG. 89

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

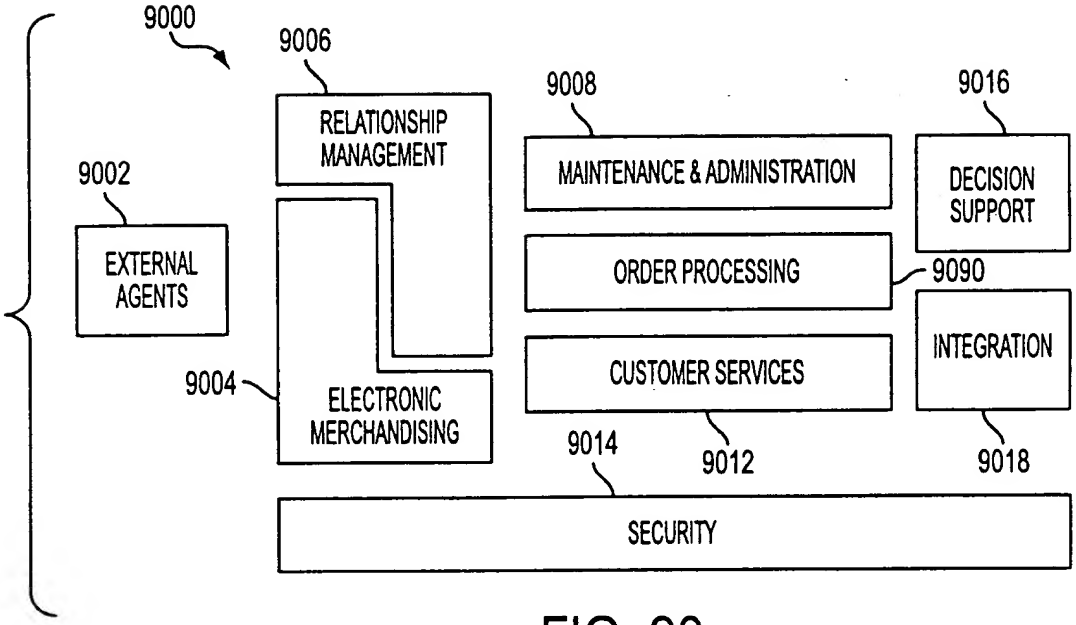

FIG. 90

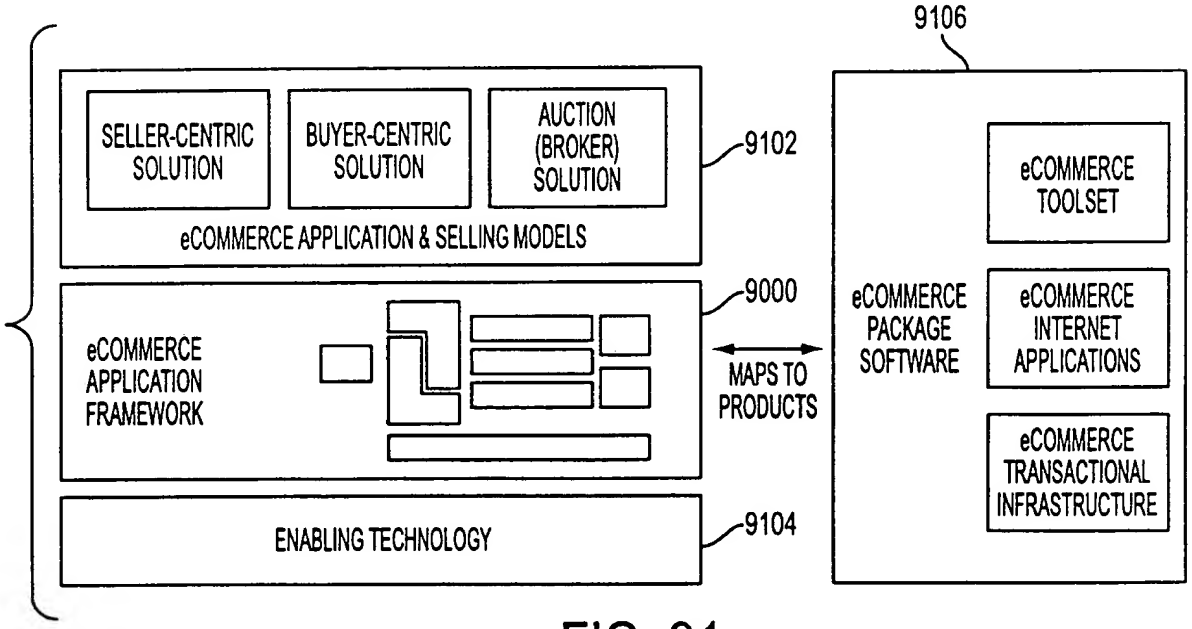

FIG. 91

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

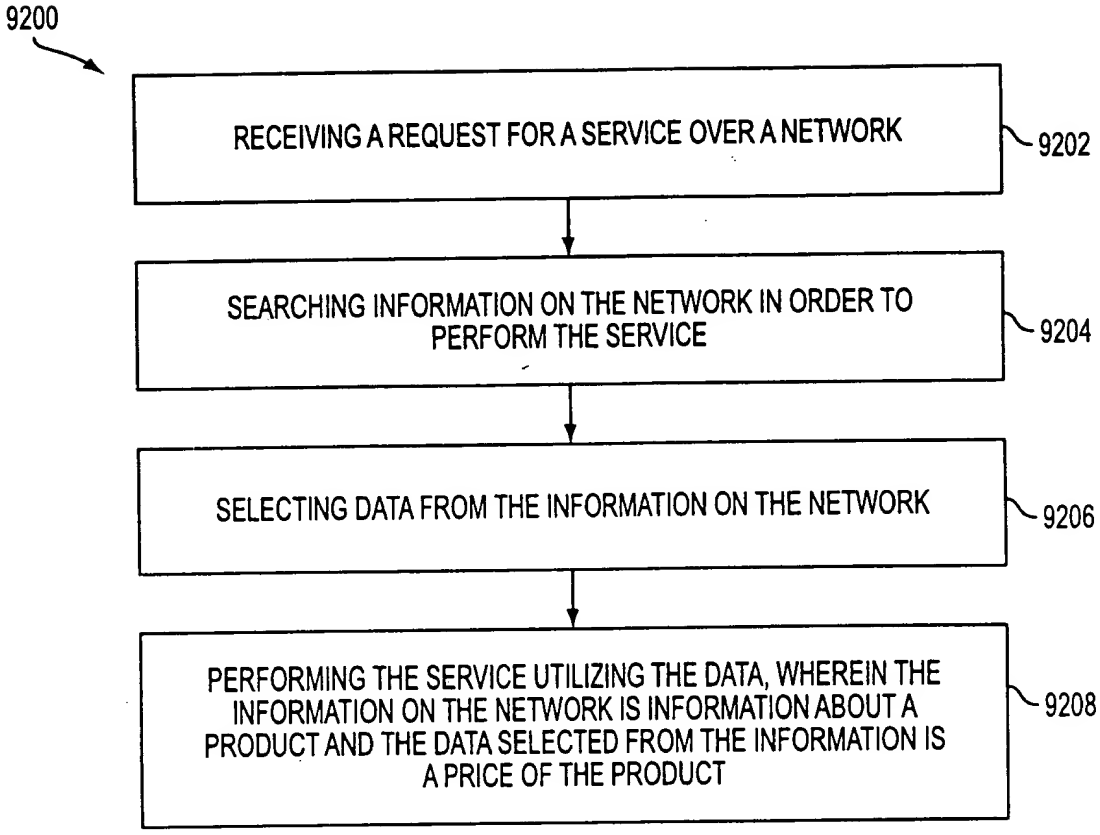

FIG. 92

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

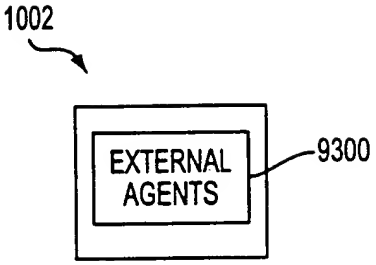

FIG. 93

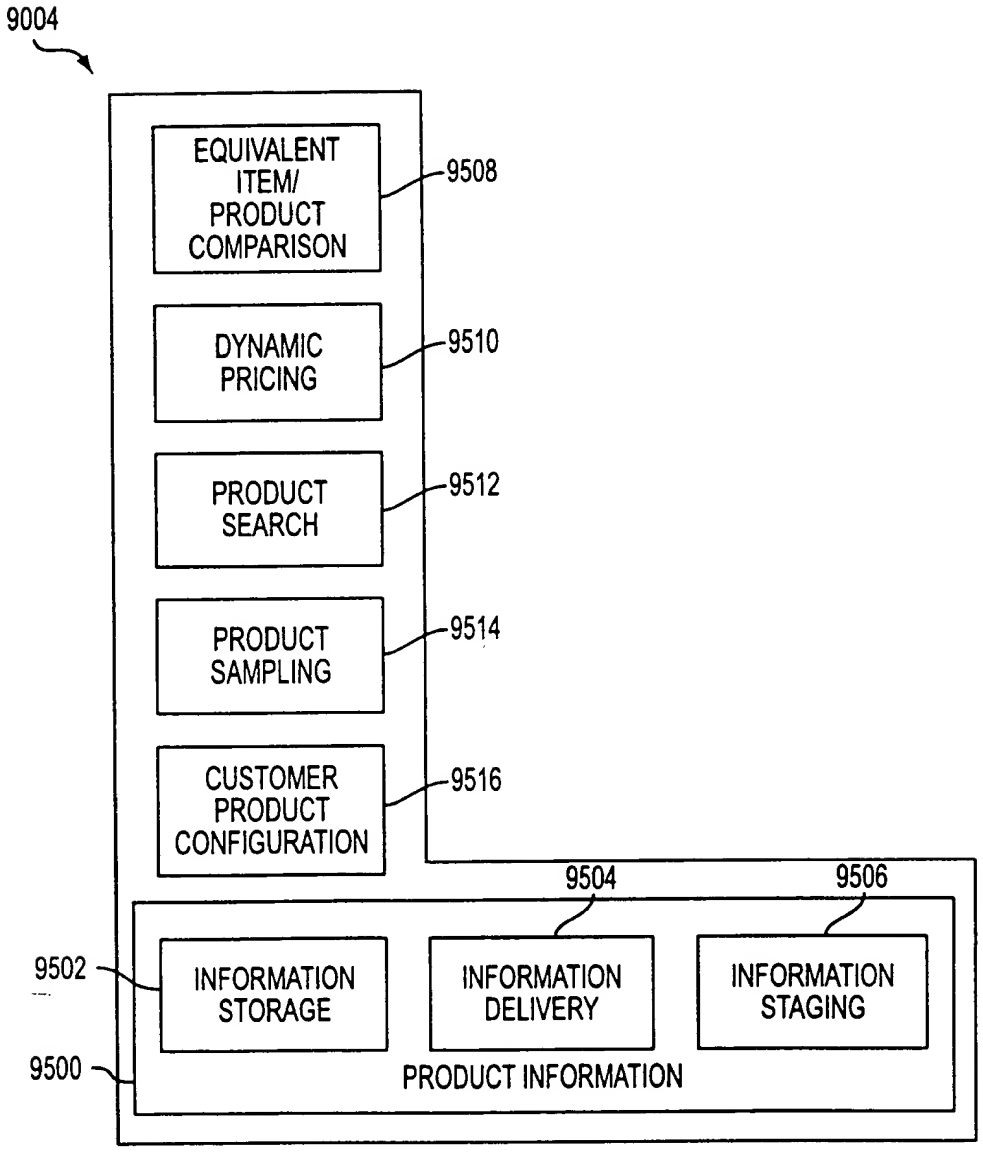

FIG. 95

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

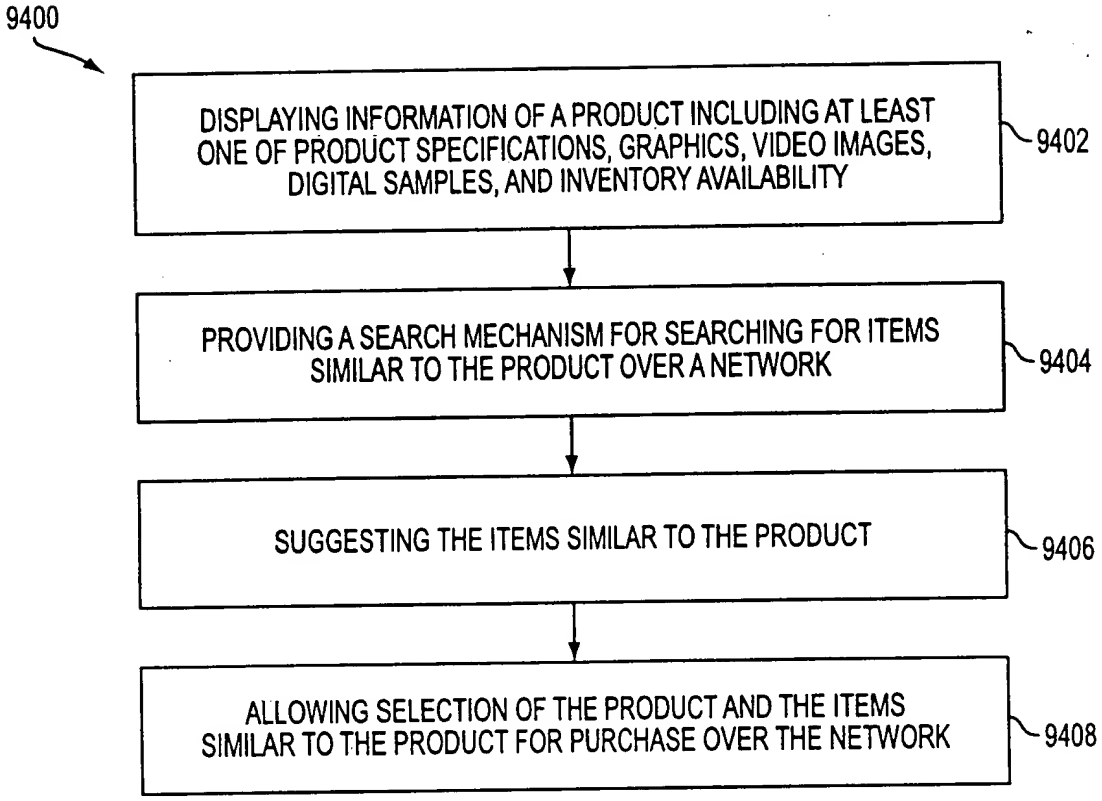

FIG. 94

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PATENT & TRADEMARK OFFICE

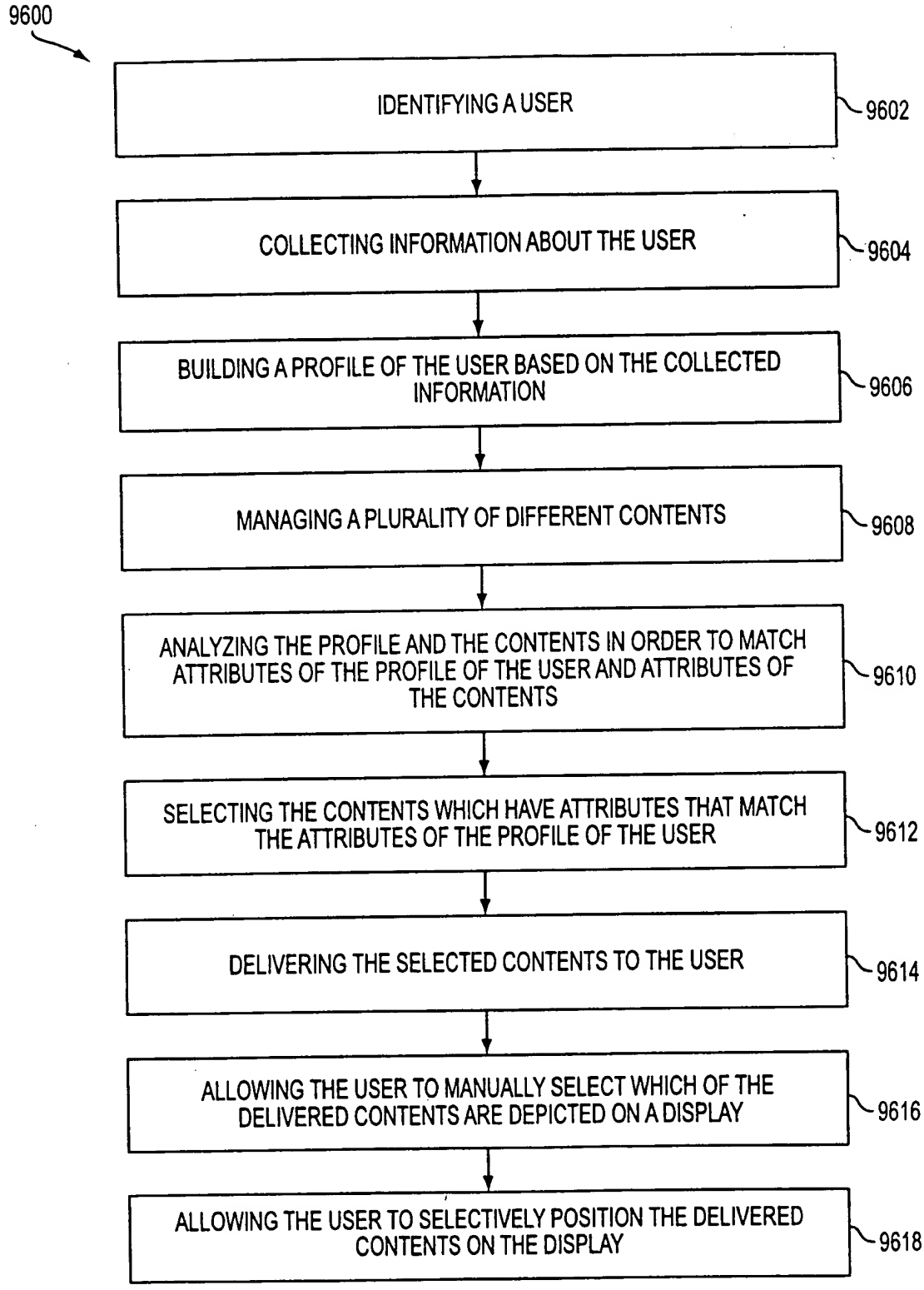

FIG. 96

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DEC 0 1 2003
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PATENT & TRADEMARK OFFICE

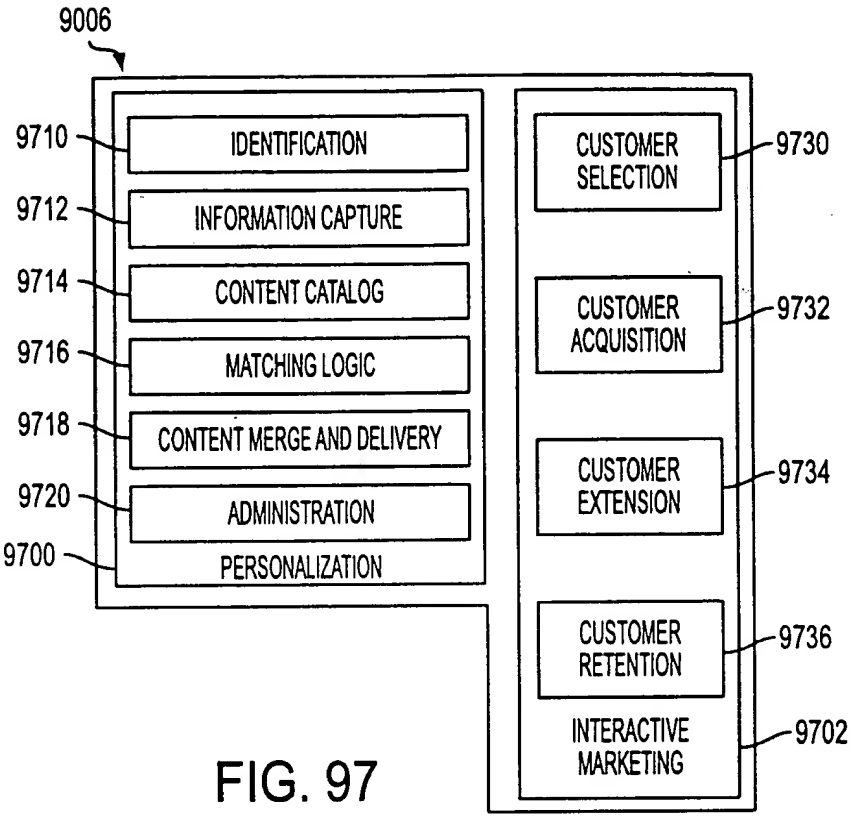

FIG. 97

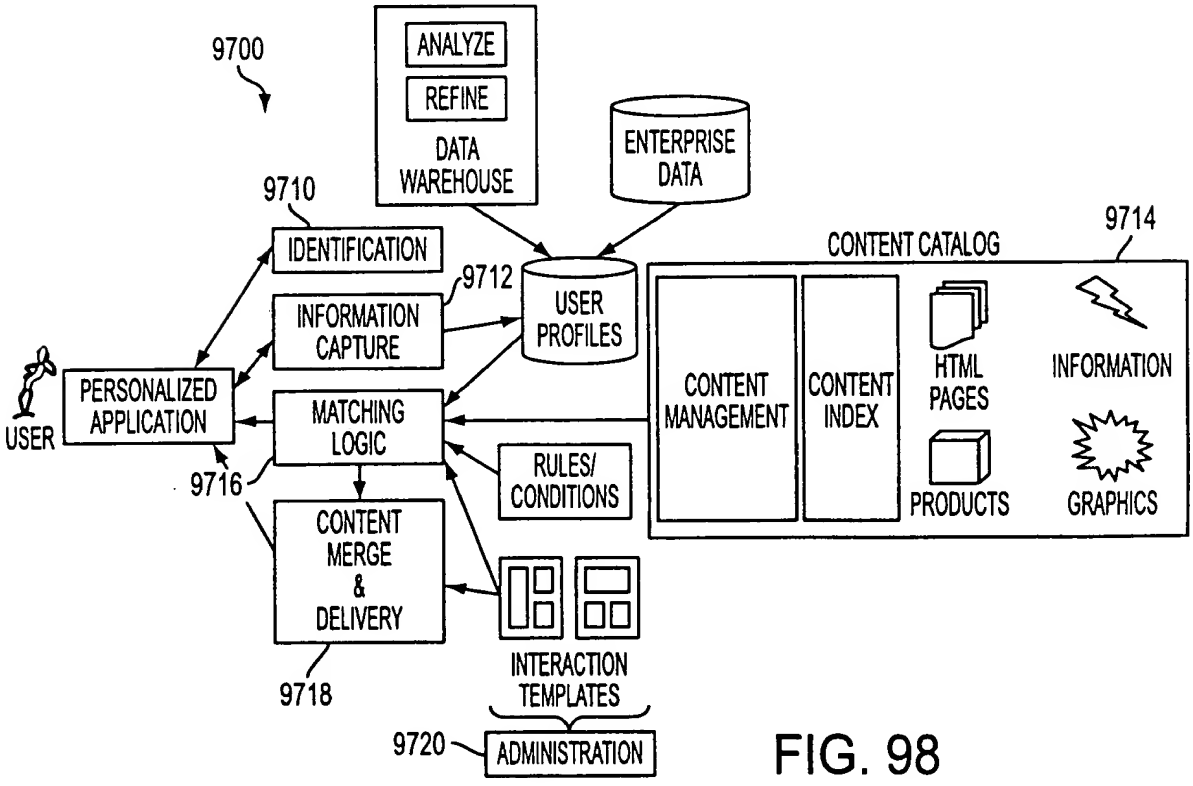

FIG. 98

PATENT & TRADEMARK OFFICE
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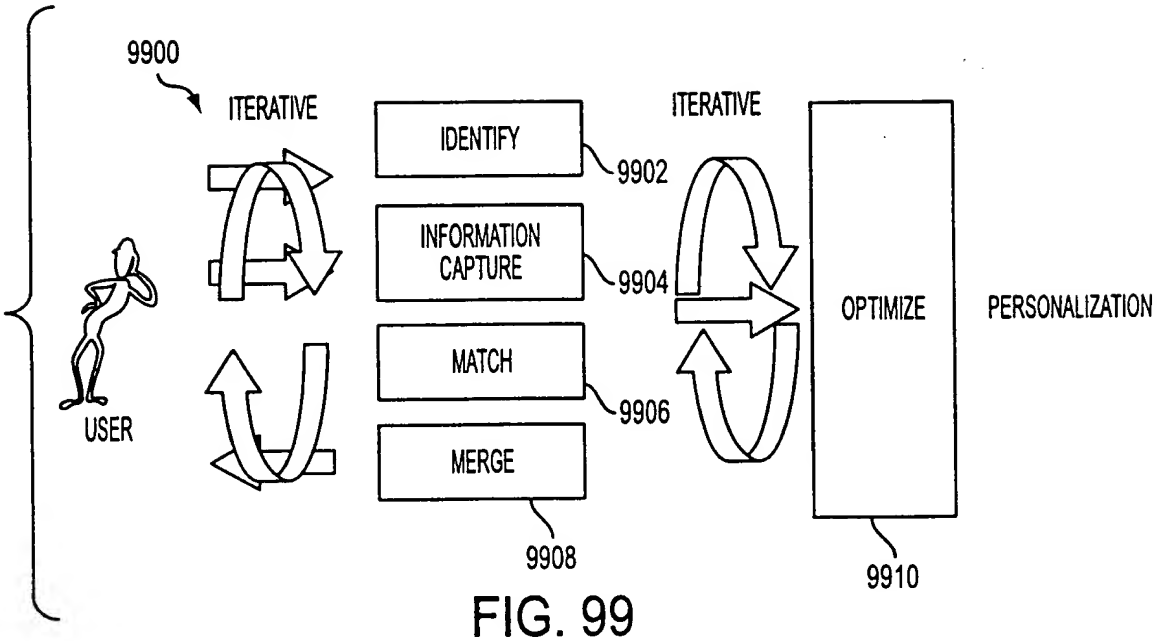

FIG. 99

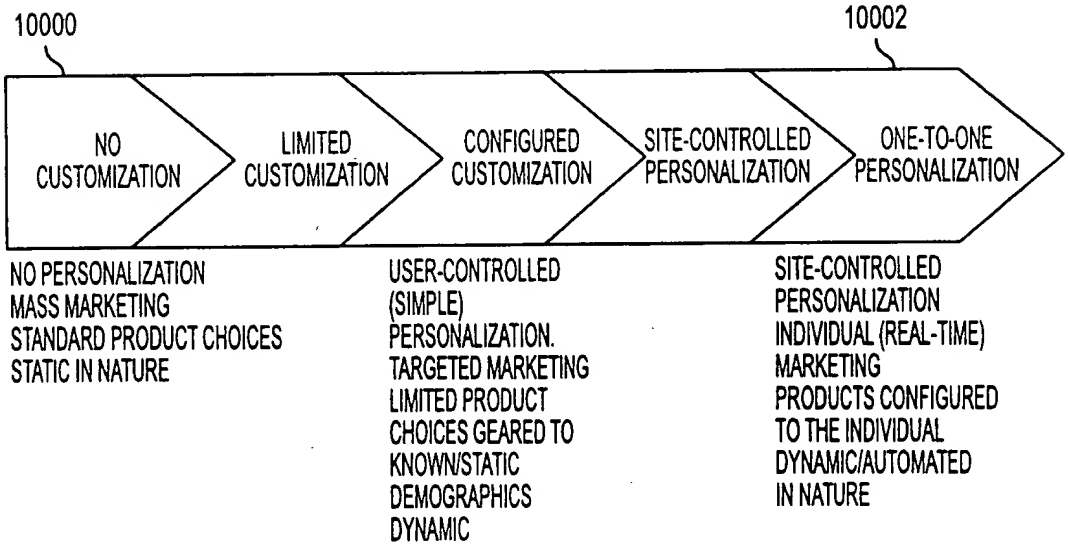

FIG. 100

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JC48
PATENT & TRADEMARK OFFICE

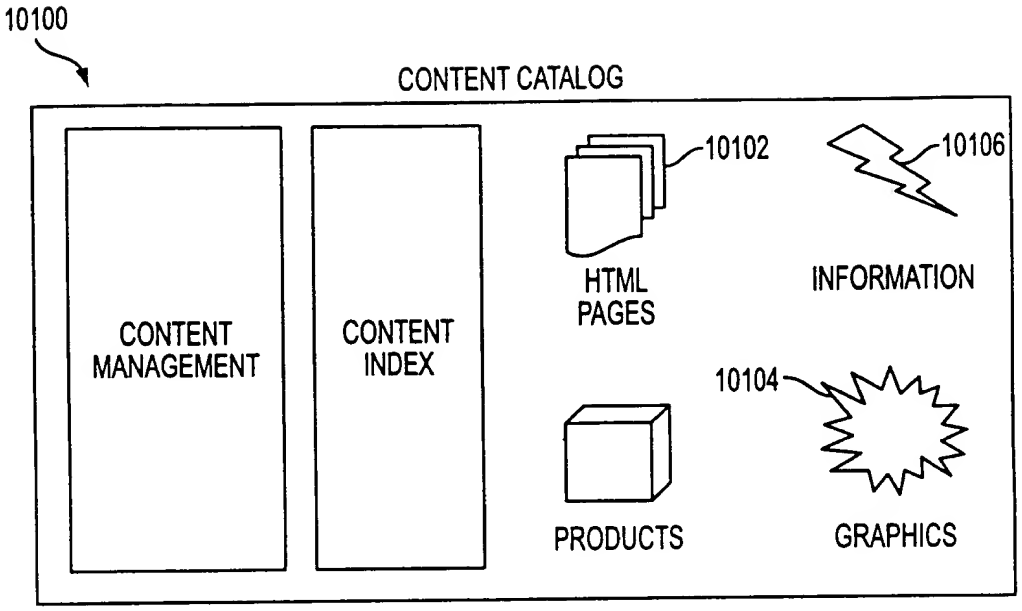

FIG. 101

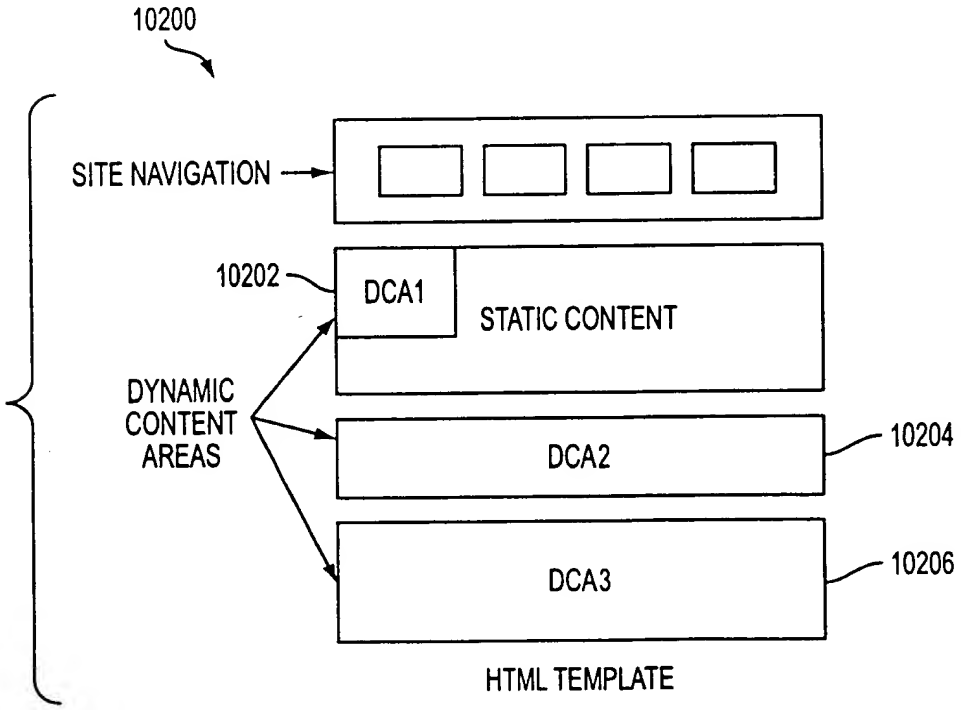

FIG. 102

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

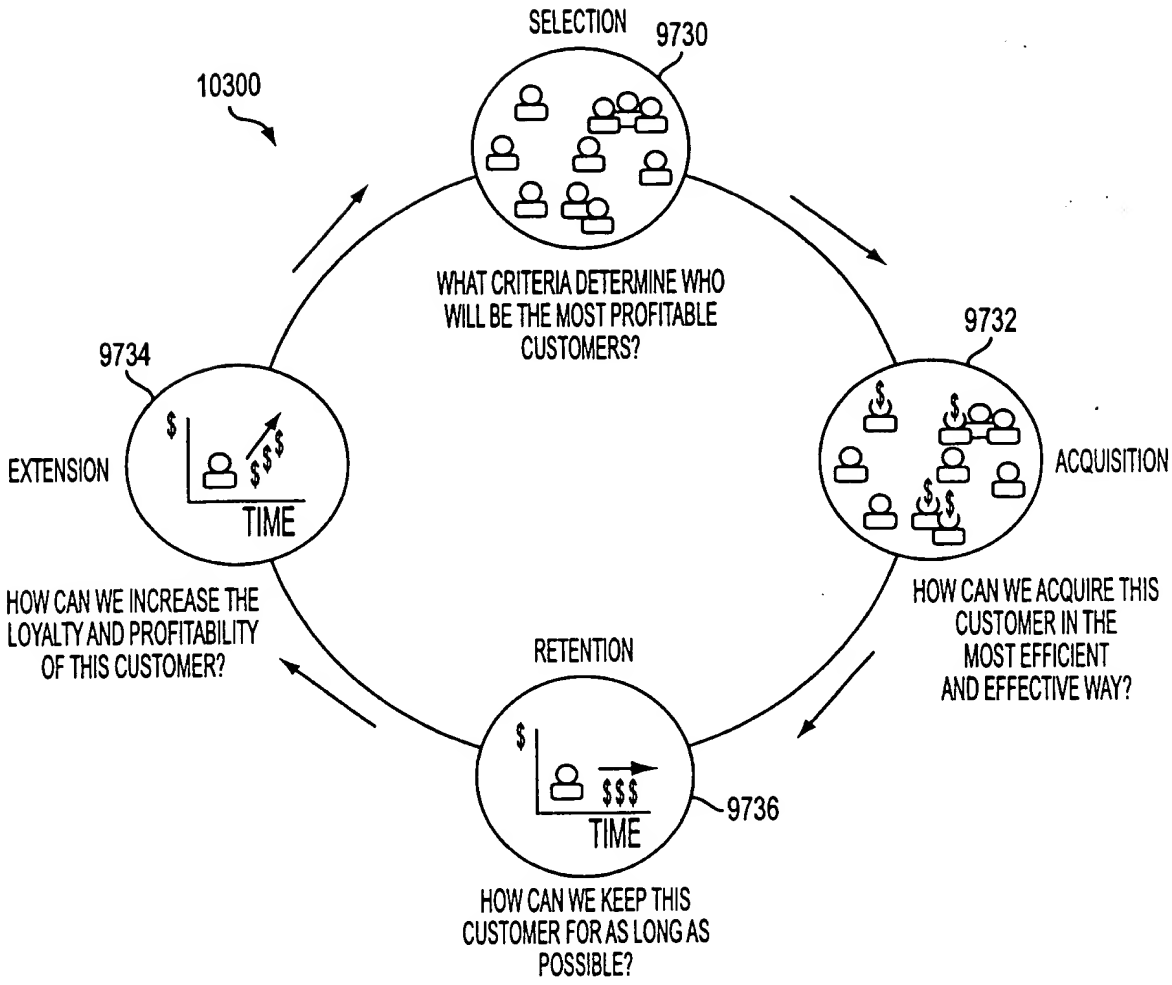

FIG. 103

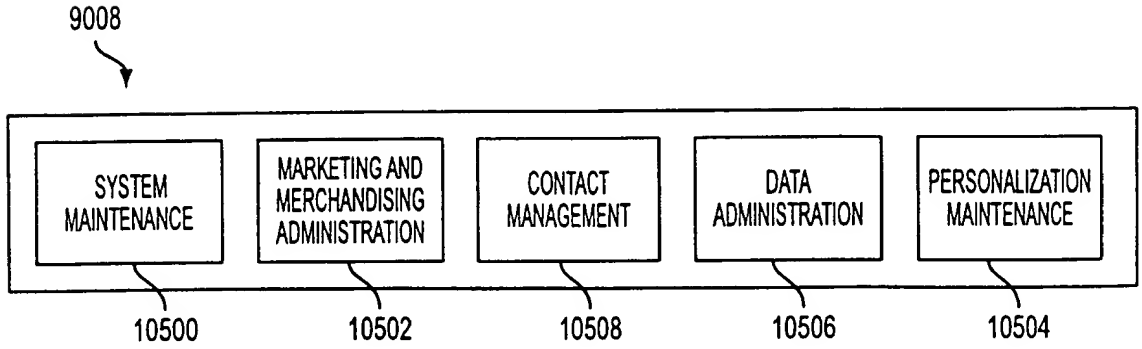

FIG. 105

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

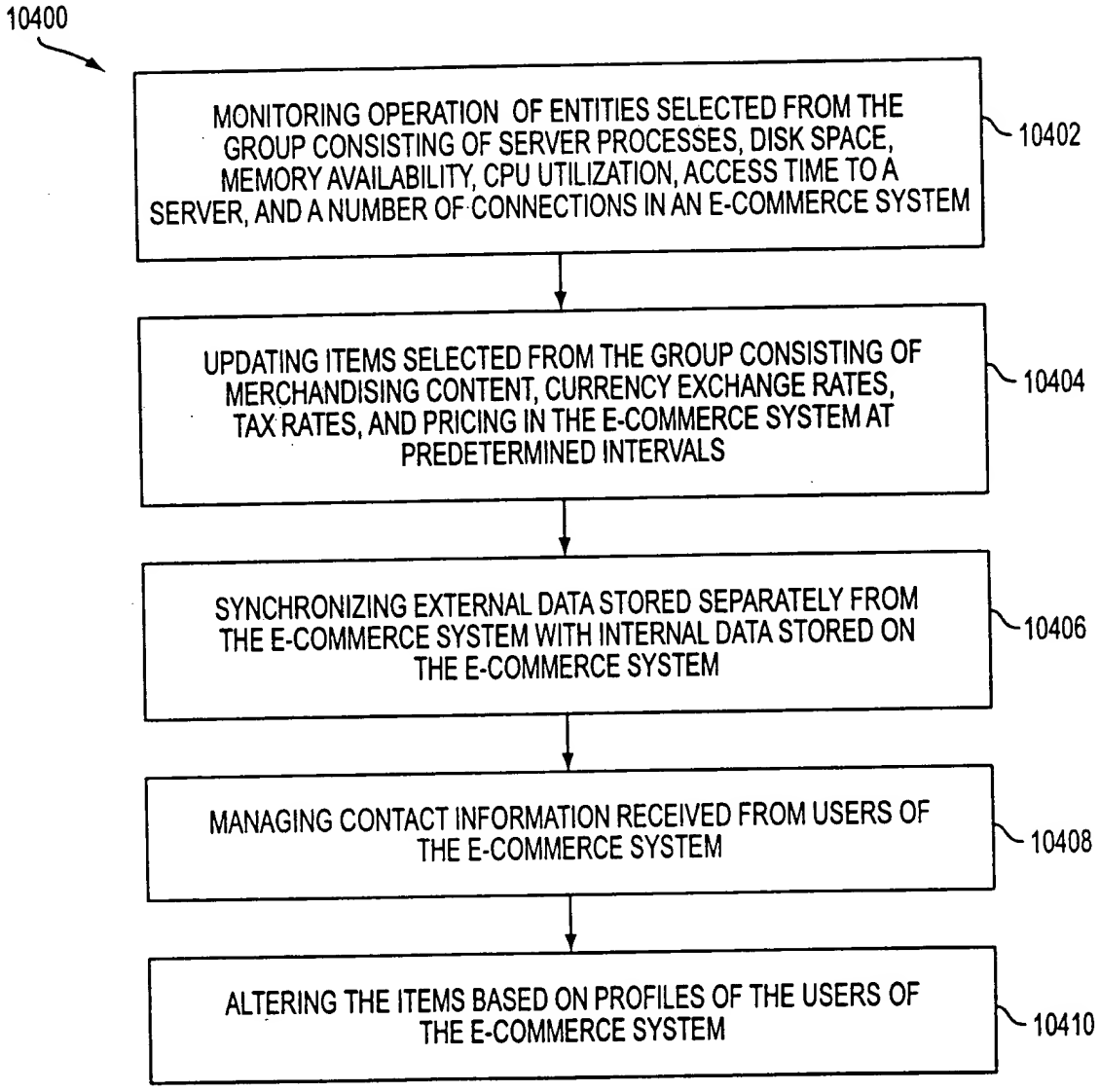

FIG. 104

OIPE
DEC 01 2003
PATENT & TRADEMARK OFFICE

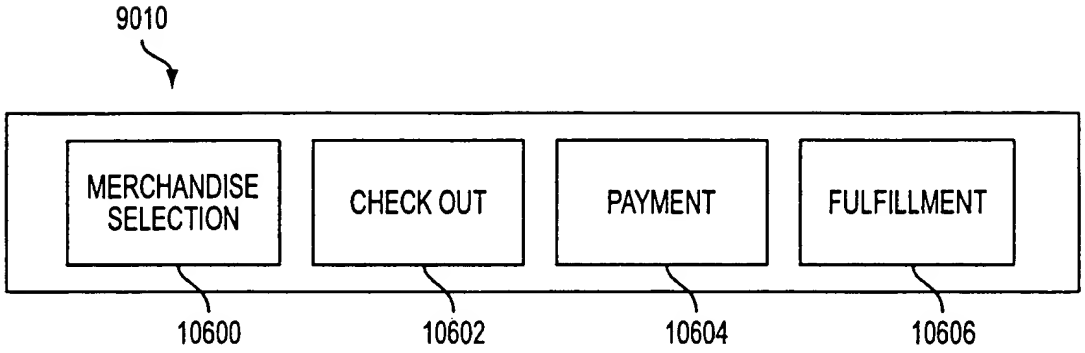

FIG. 106

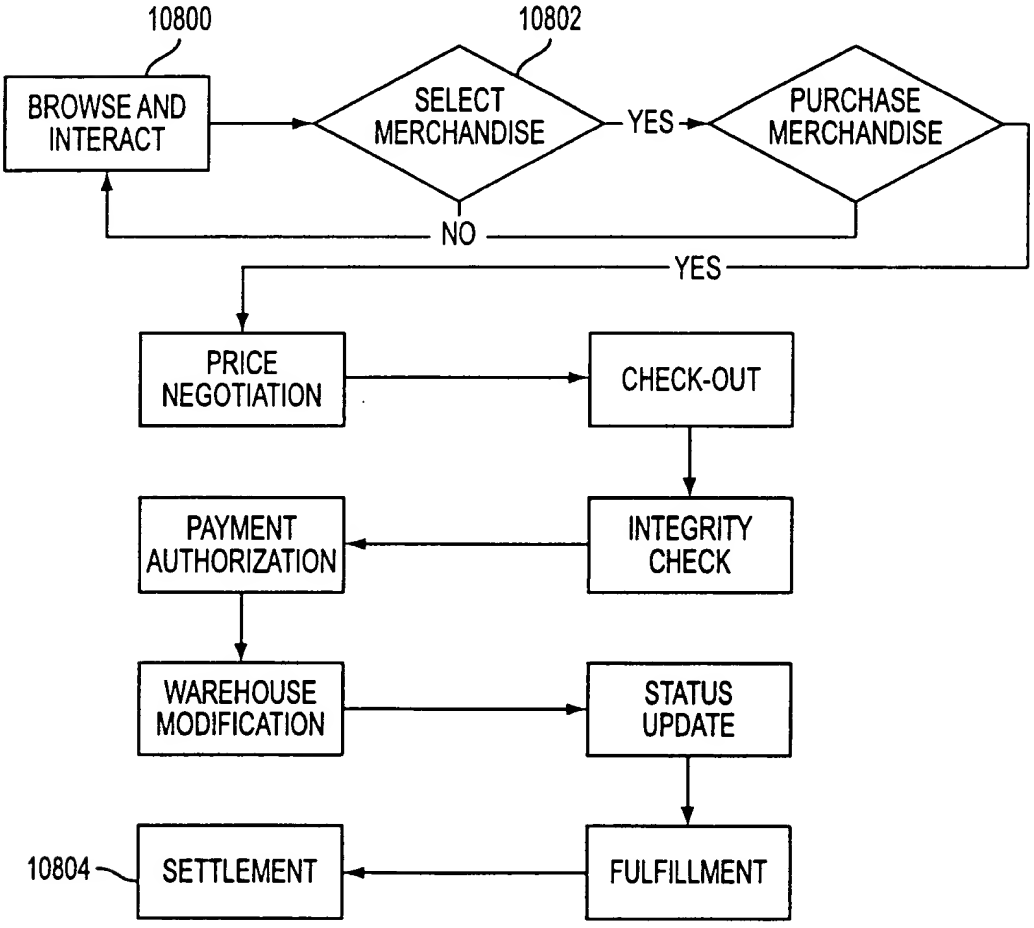

FIG. 108

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

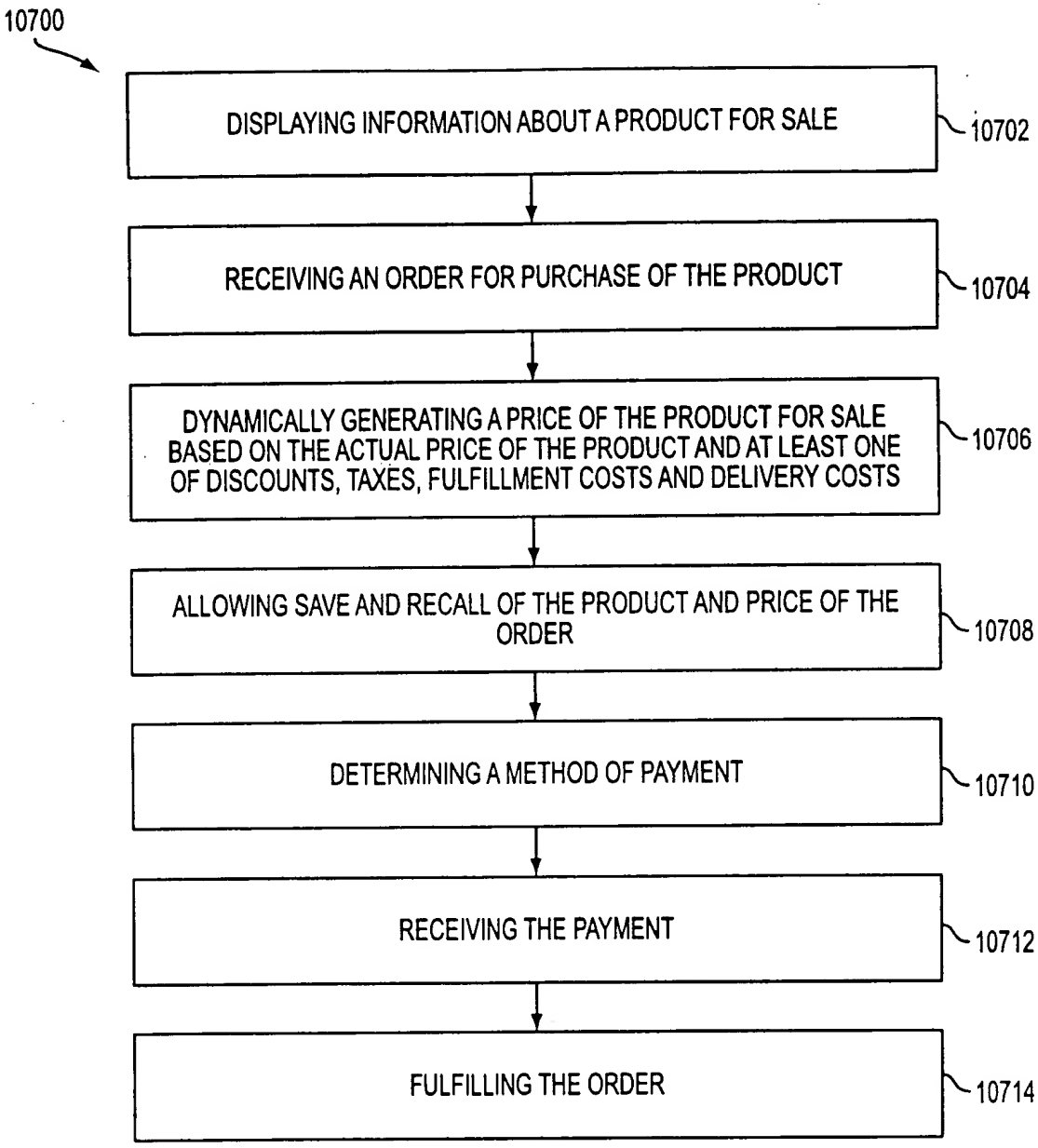

FIG. 107

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

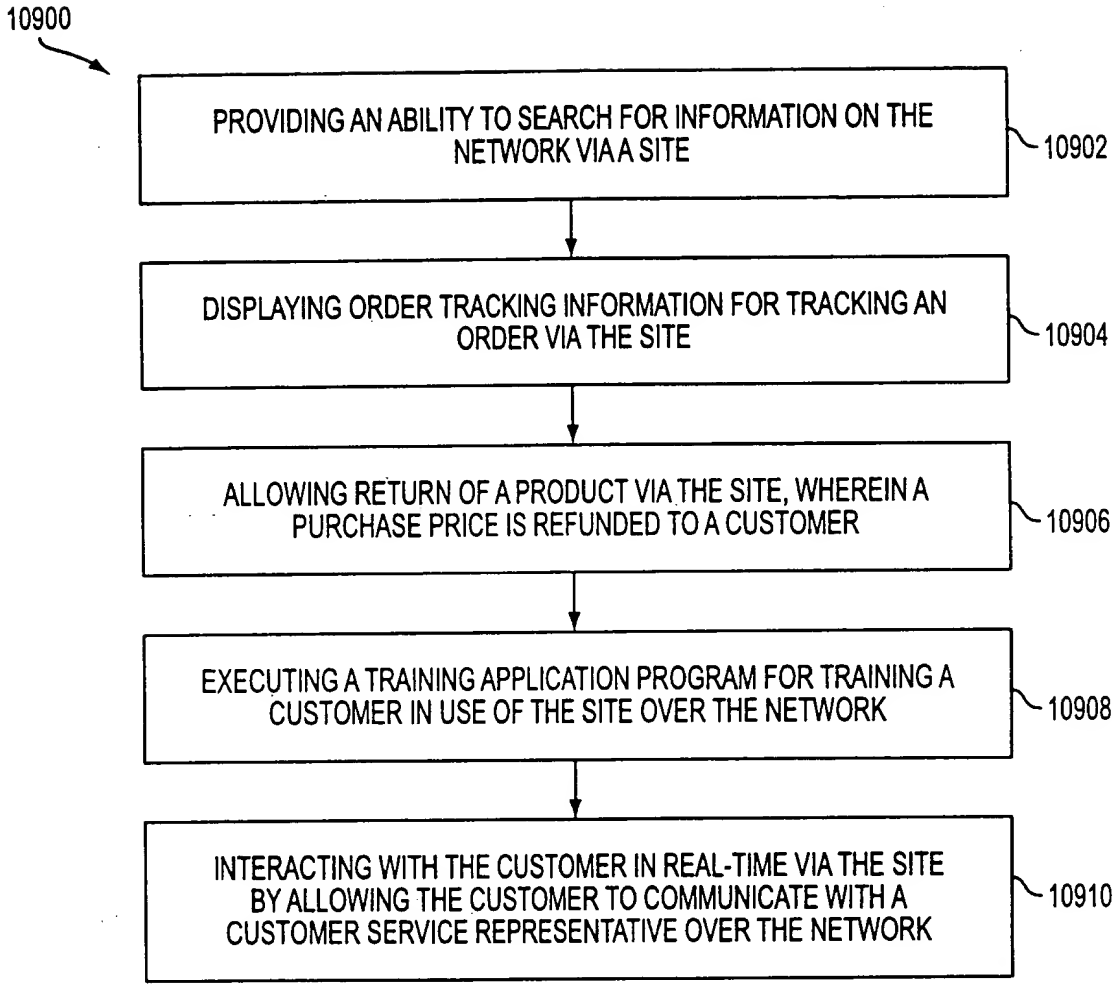

FIG. 109

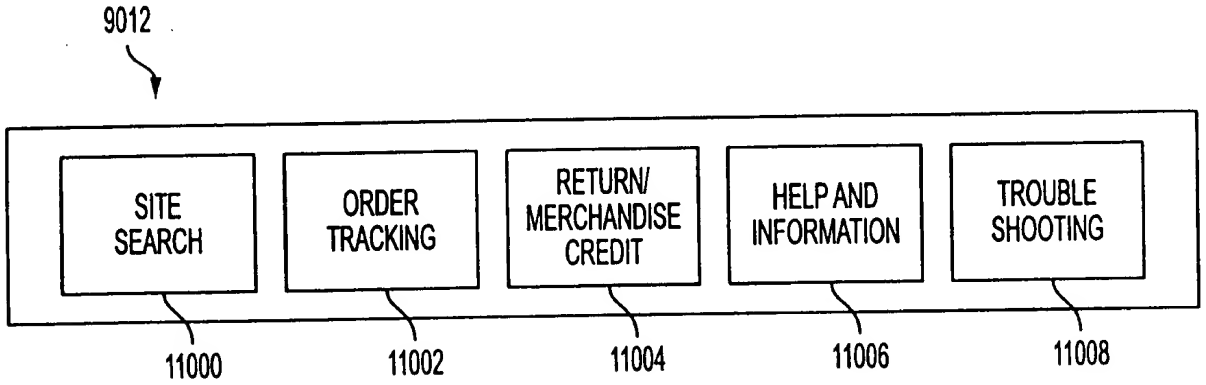

FIG. 110

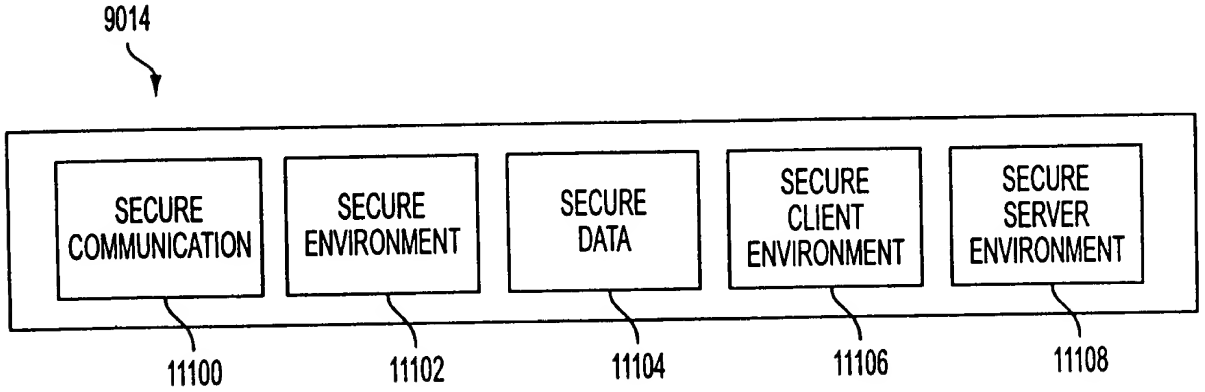

FIG. 111

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PATENT & TRADEMARK OFFICE

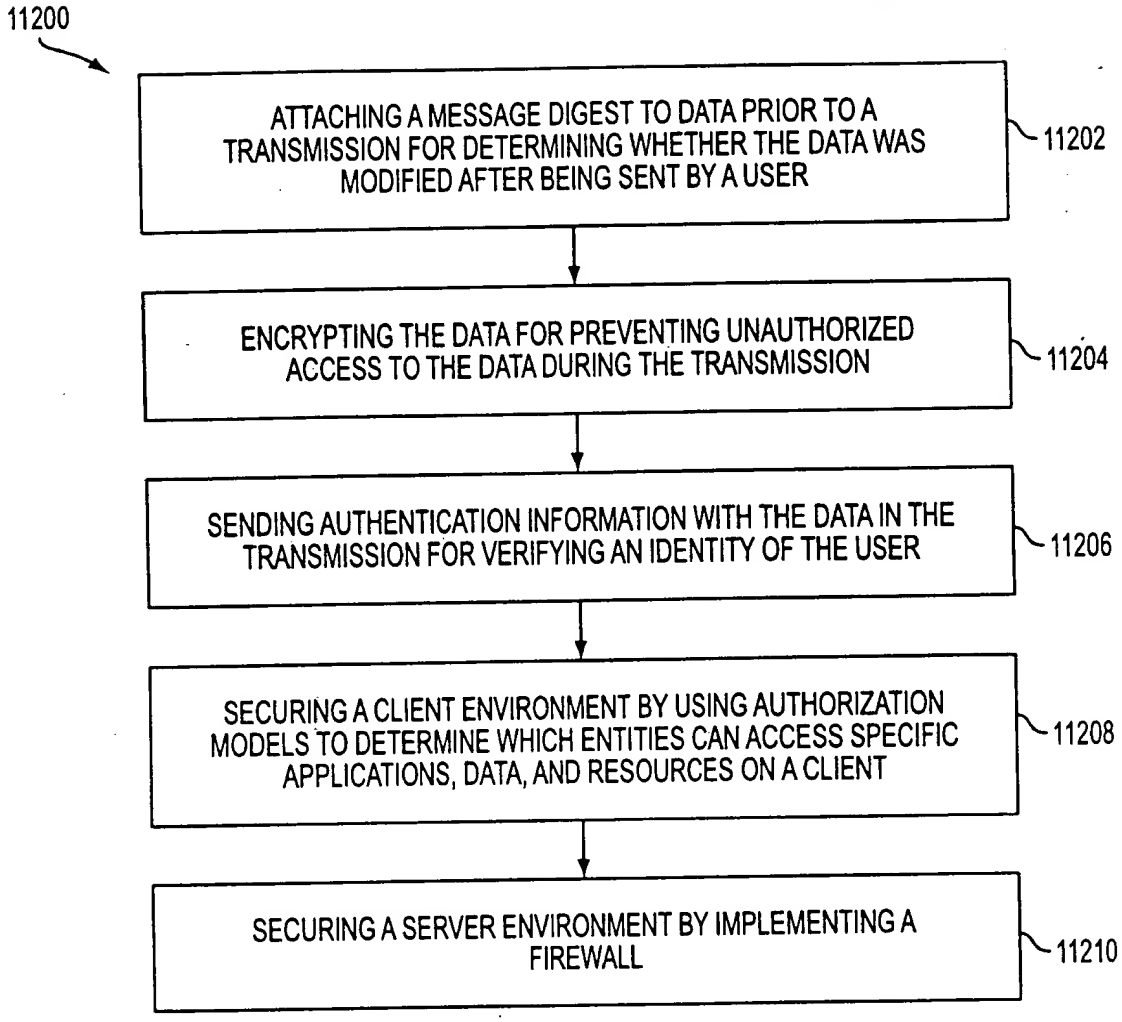

FIG. 112

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

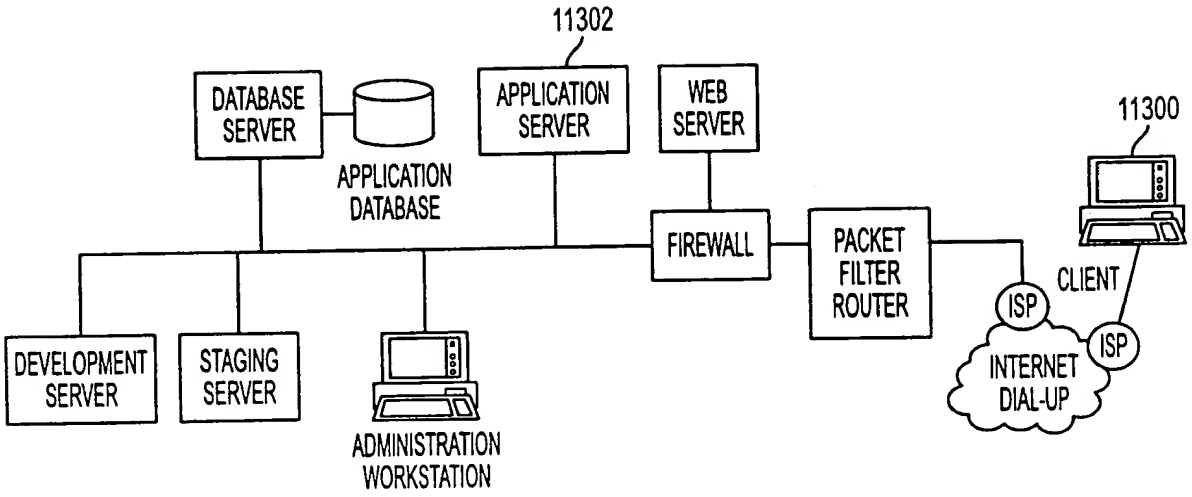

FIG. 113

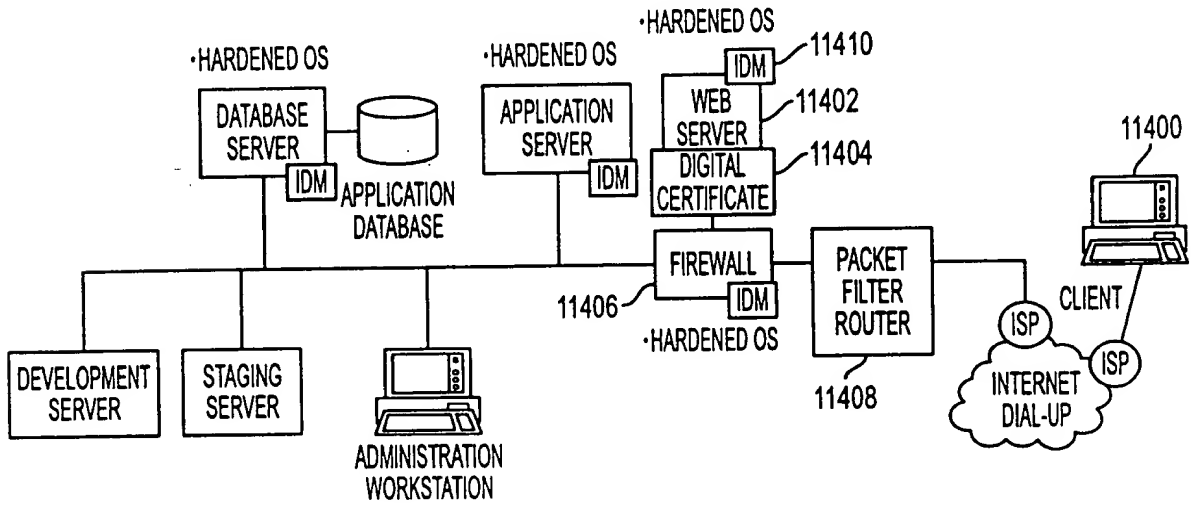

FIG. 114

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

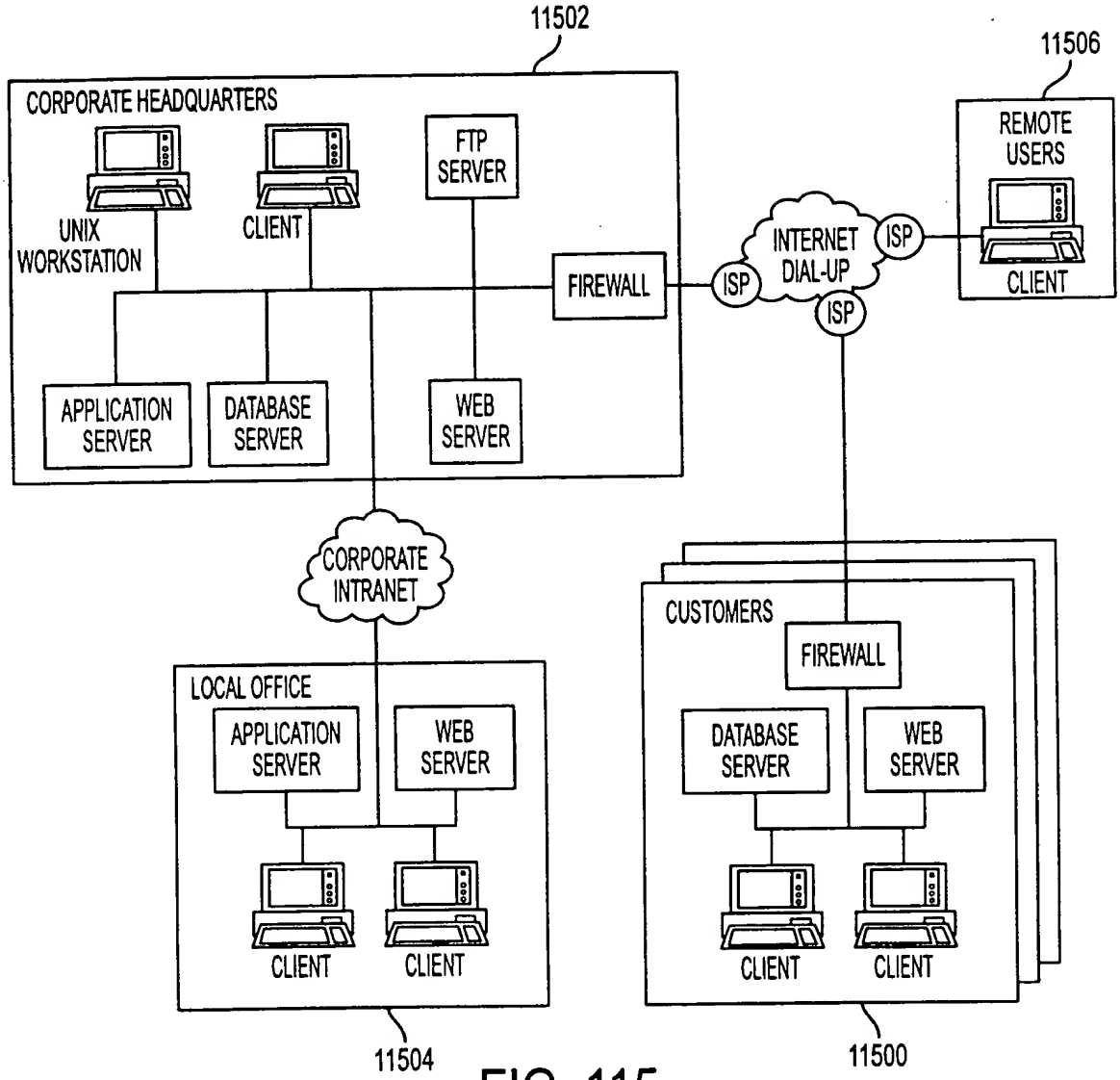

FIG. 115

PATENT & TRADEMARK OFFICE
DEC 0 1 2003
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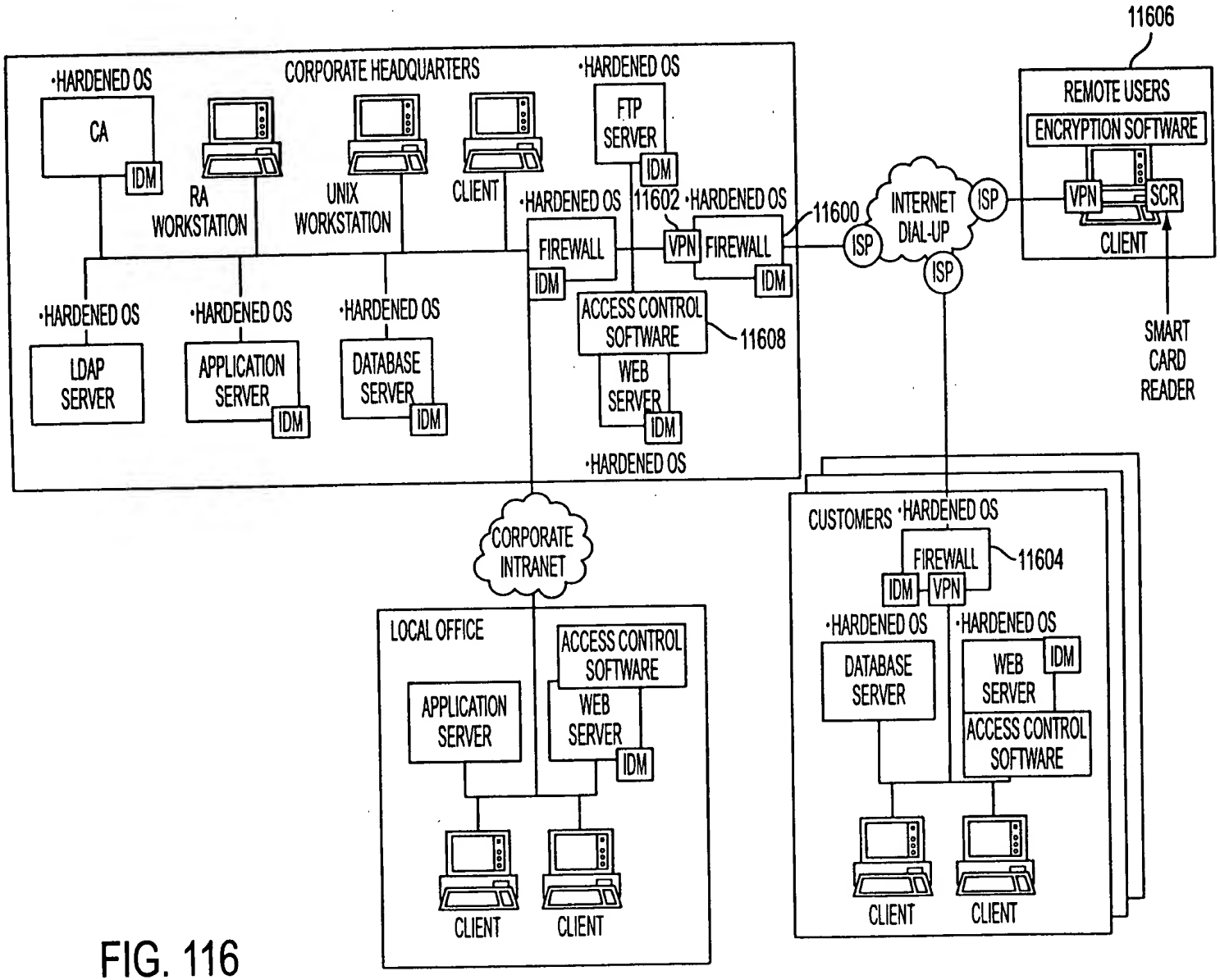

FIG. 116

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

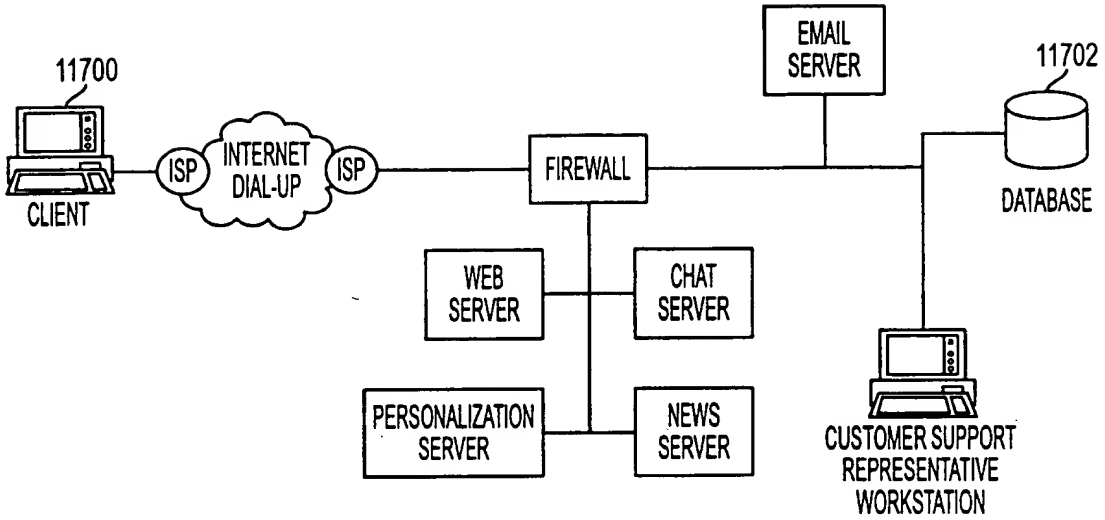

FIG. 117

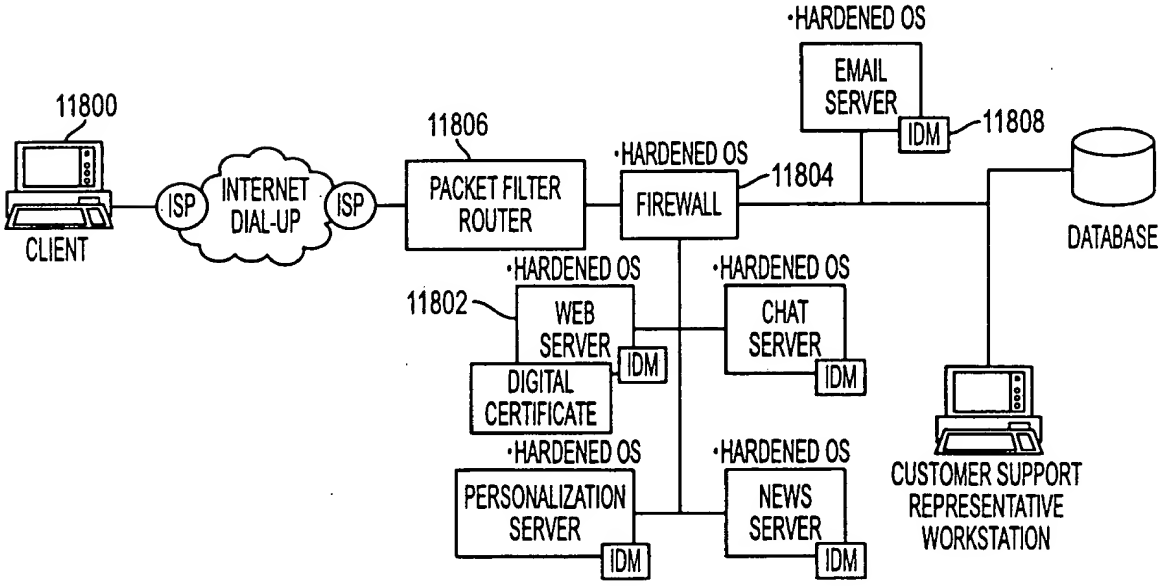

FIG. 118

PATENT & TRADEMARK OFFICE
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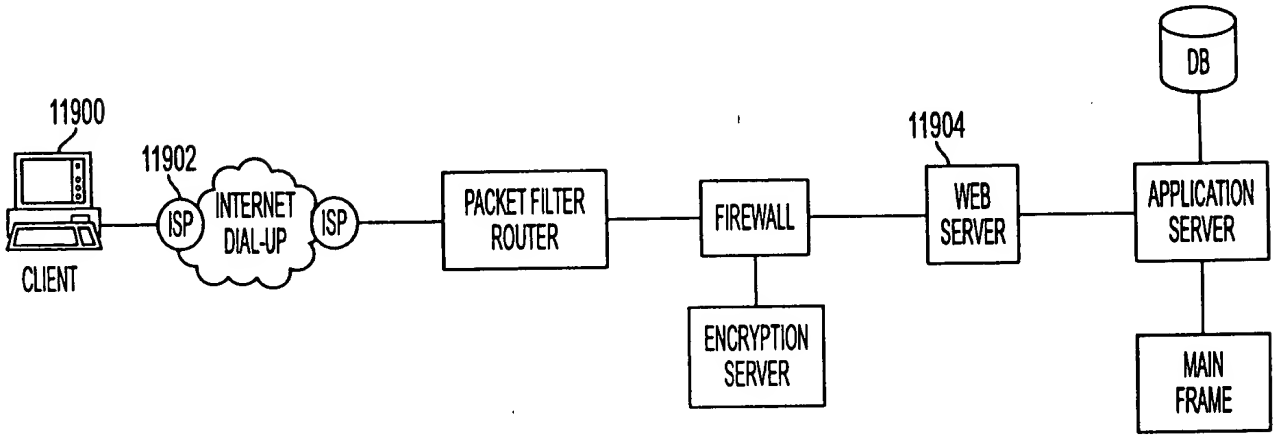

FIG. 119

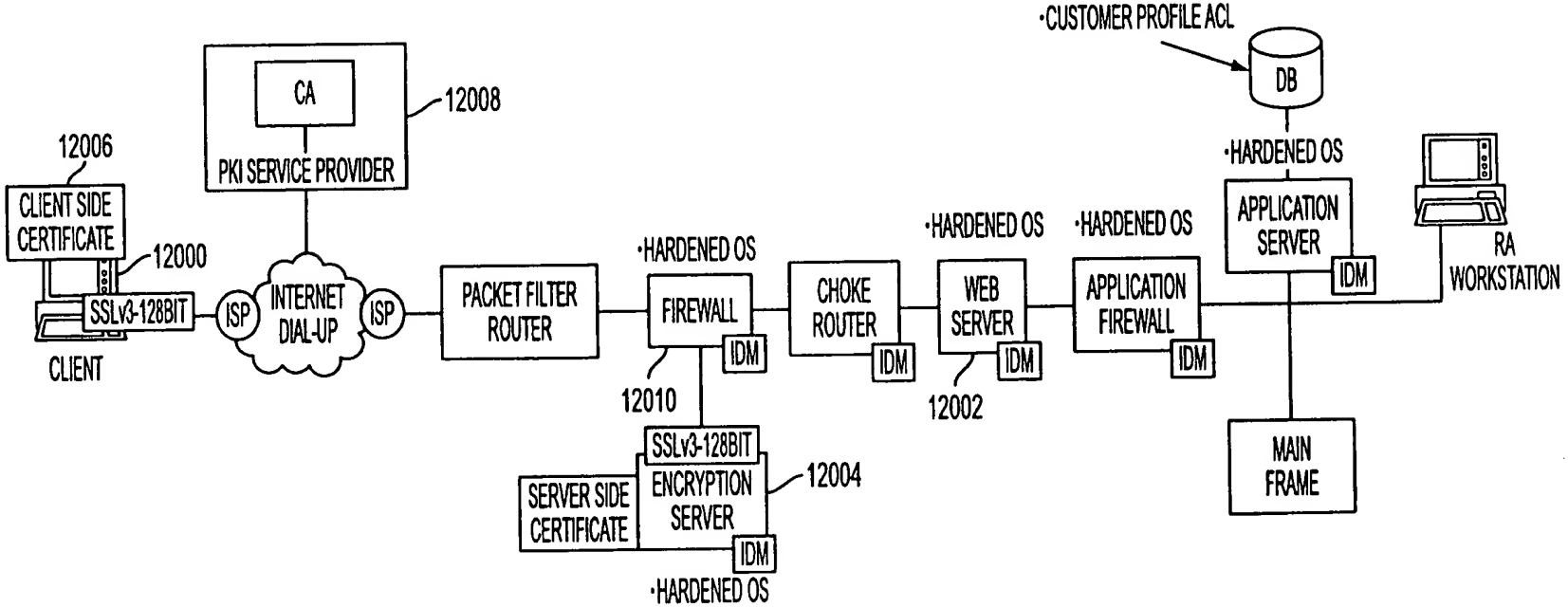

FIG. 120

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

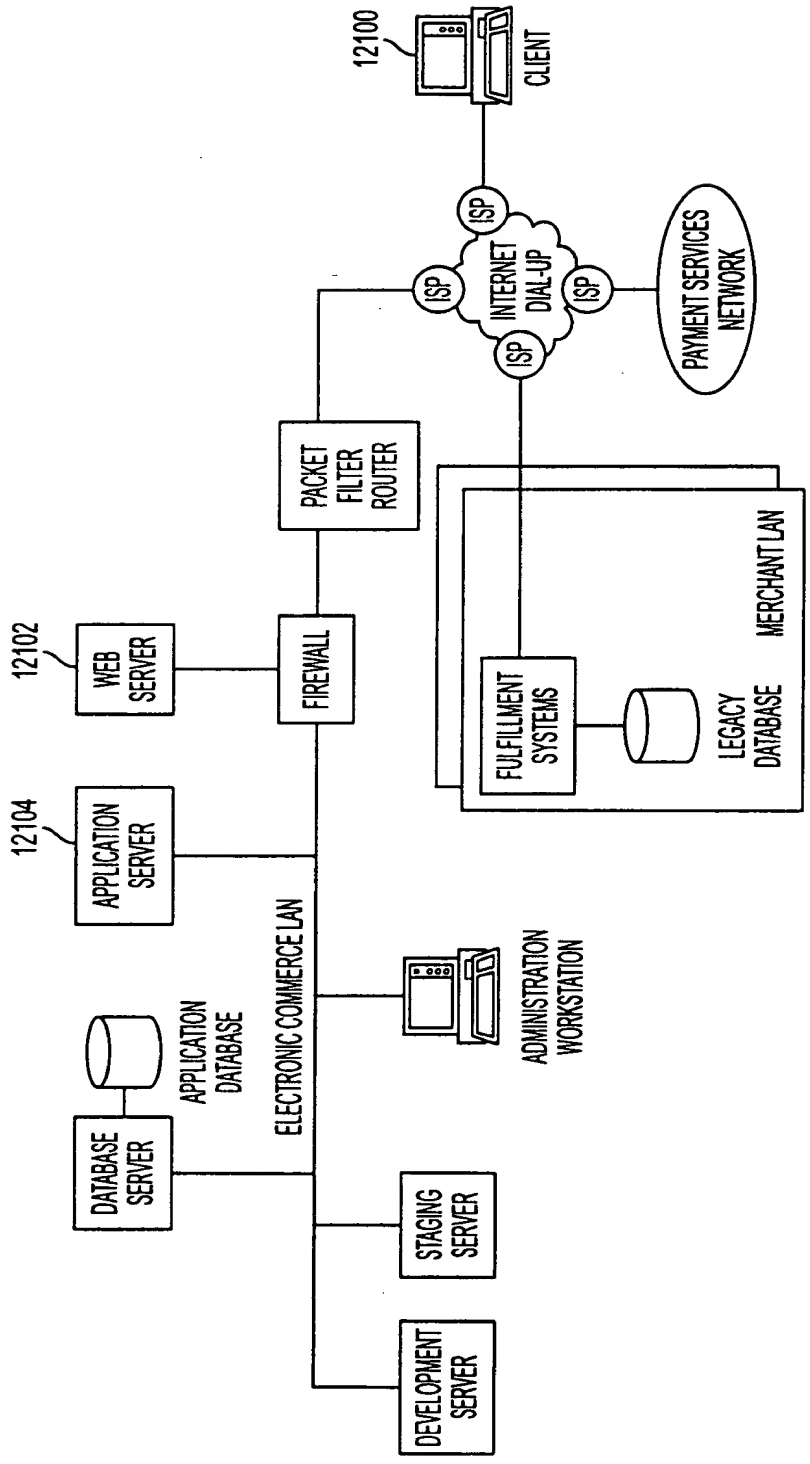

FIG. 121

PATENT & TRADEMARK OFFICE
DEC 01 2003

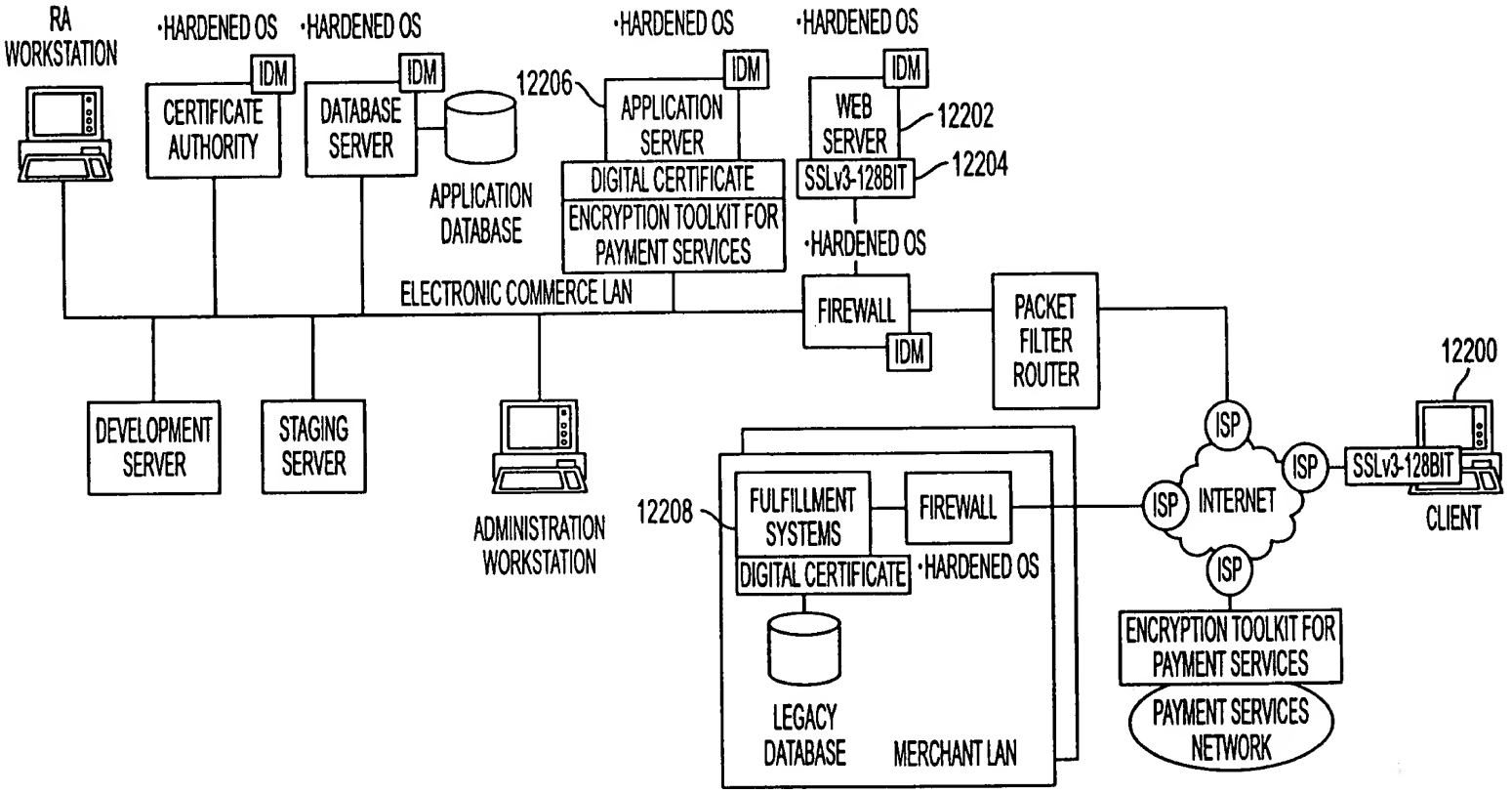

FIG. 122

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

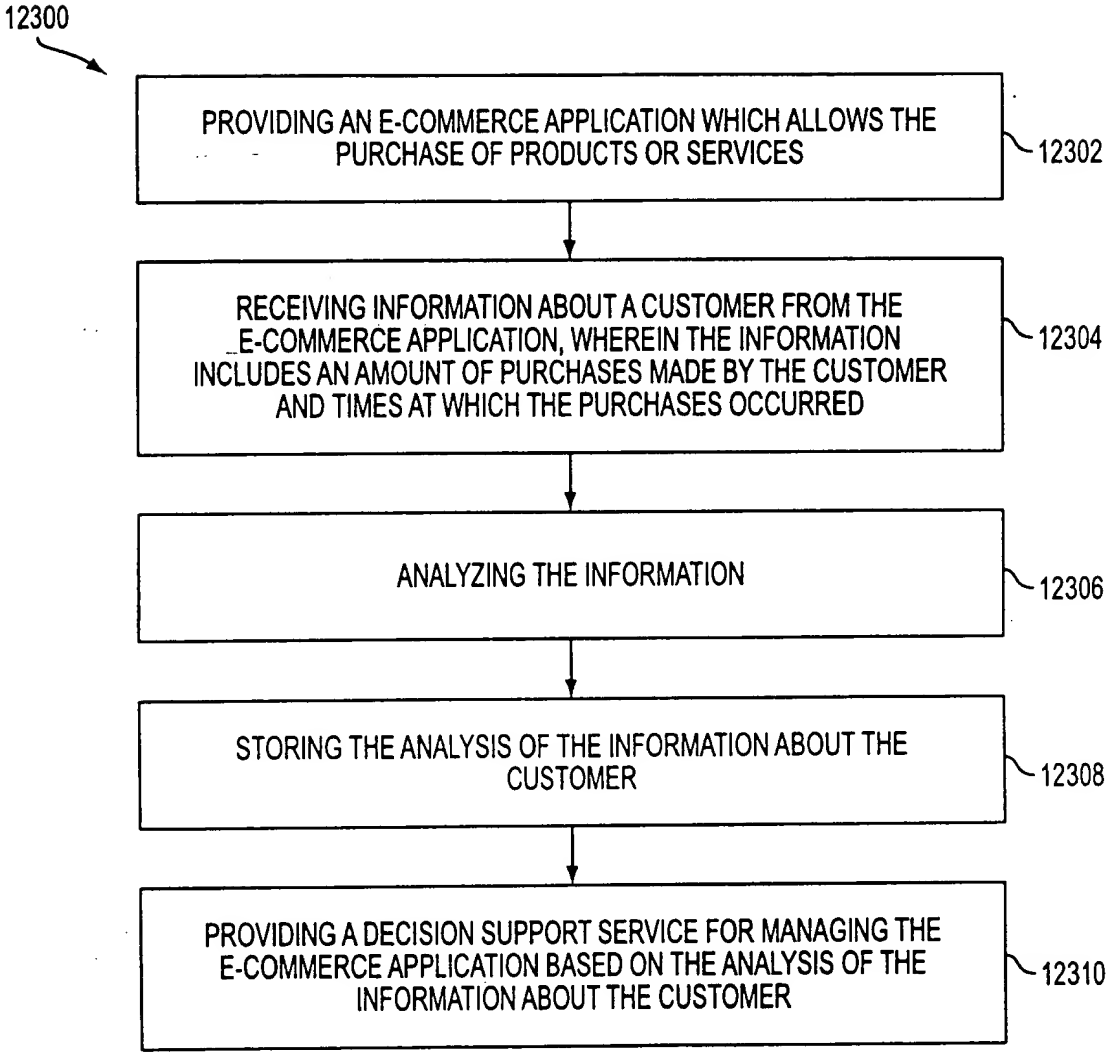

FIG. 123

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PATENT & TRADEMARK OFFICE

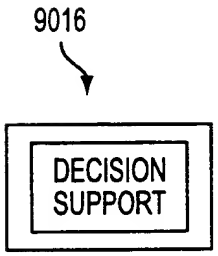

FIG. 124

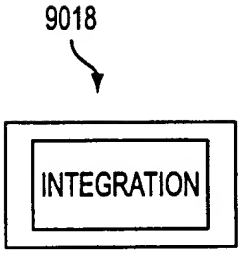

FIG. 125

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

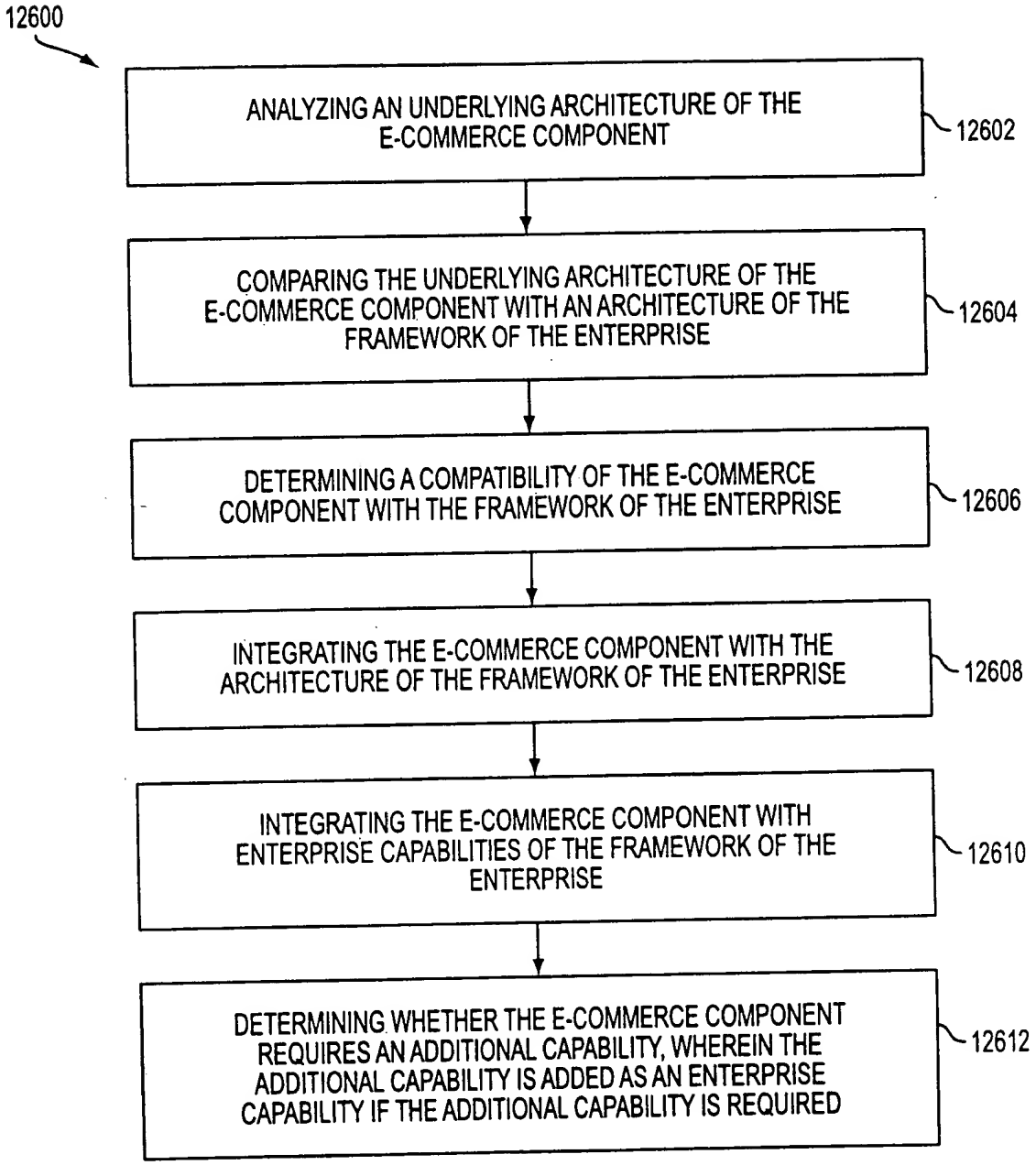

FIG. 126

PATENT & TRADEMARK OFFICE
DEC 01 2003
OIPE
JC48

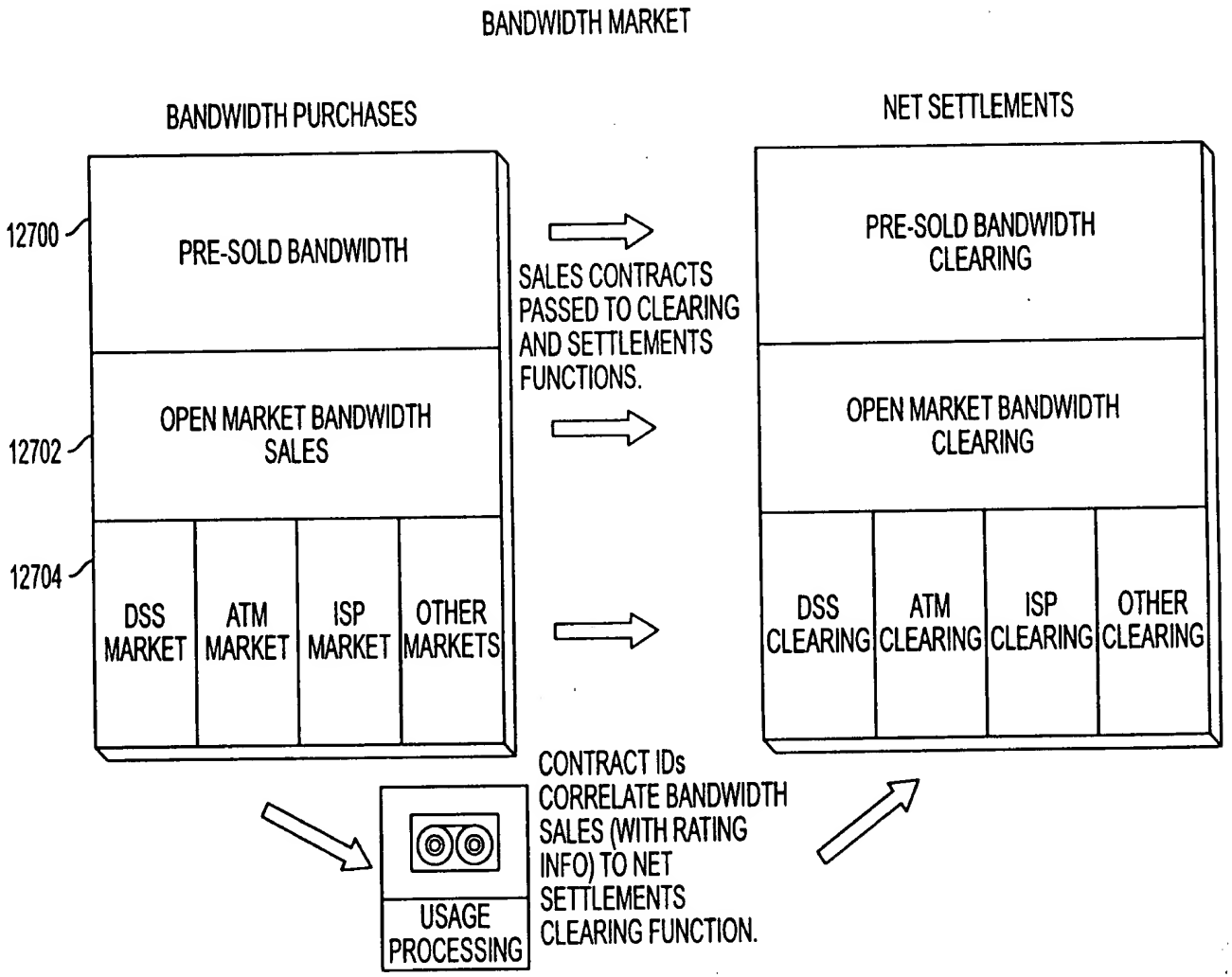

FIG. 127

OIPE JC48
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

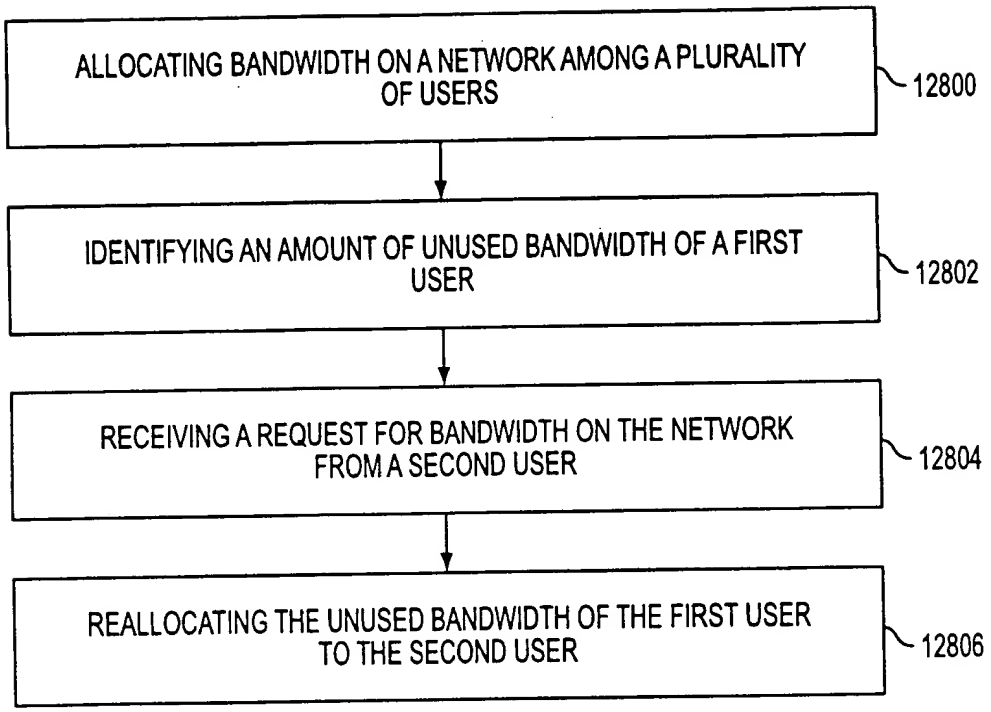

FIG. 128

OIPE
DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

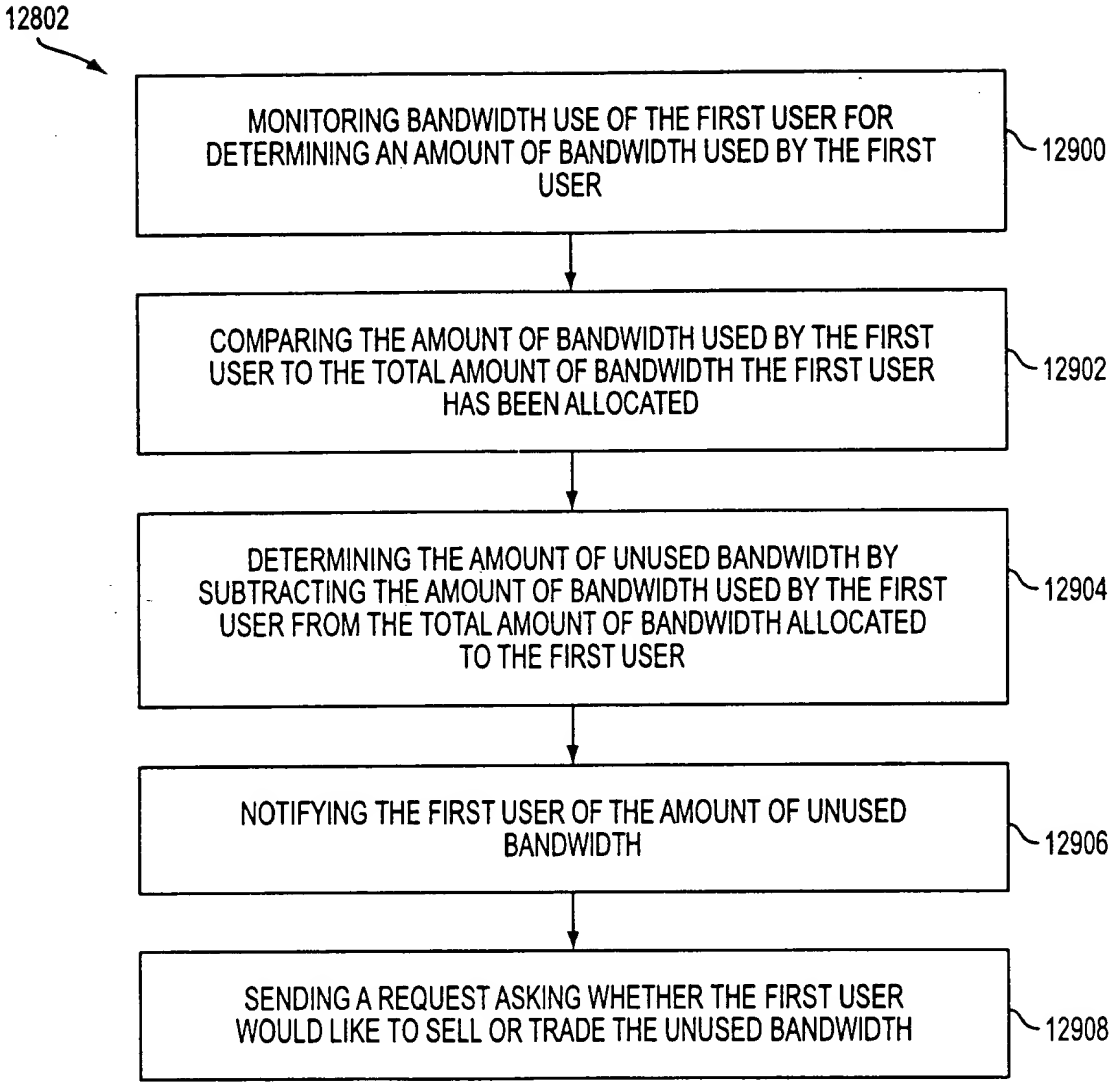

FIG. 129

OIPE JC48
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

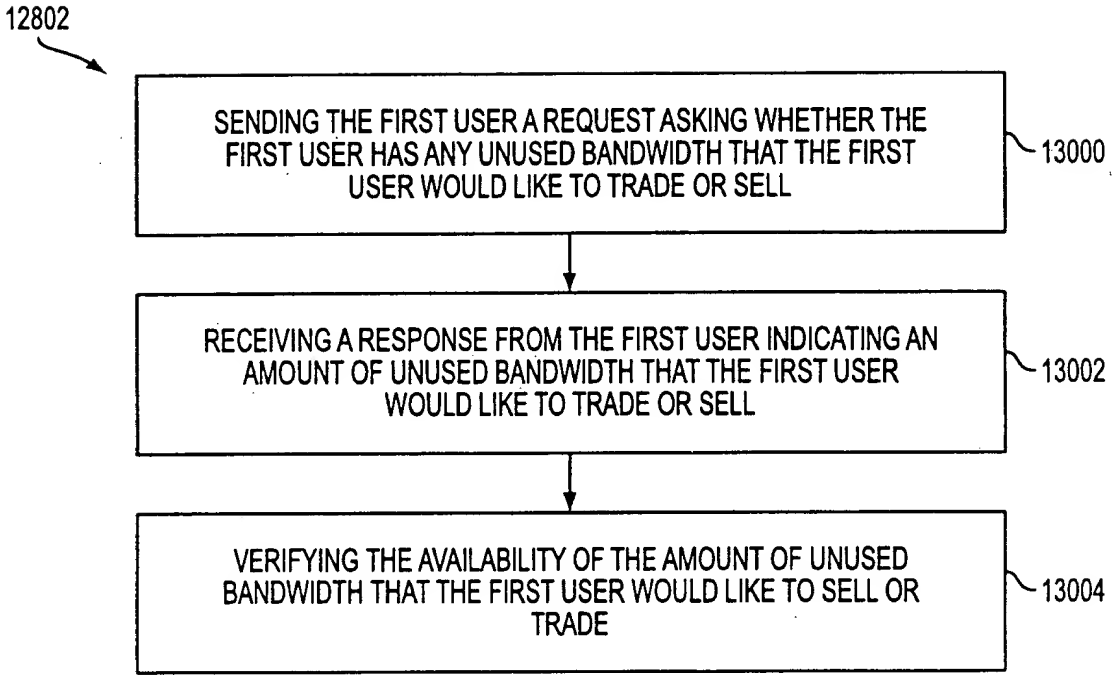

FIG. 130

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC48

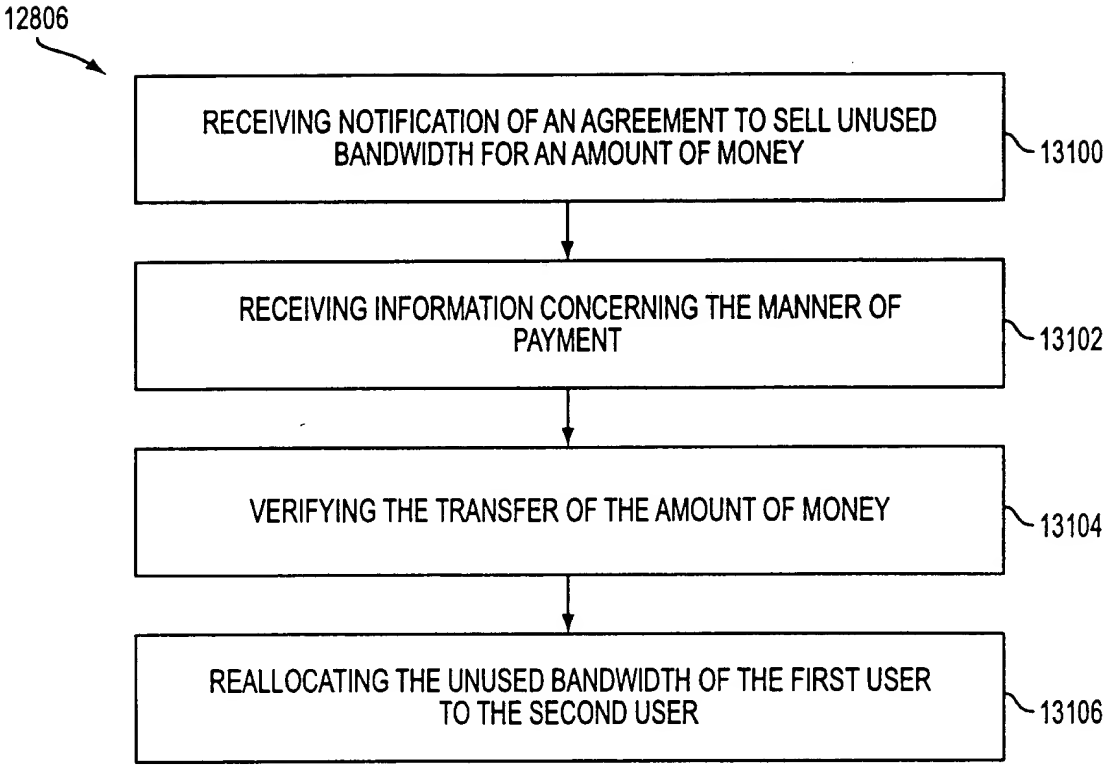

FIG. 131

OIPE
DEC 01 2003
JC48
PATENT & TRADEMARK OFFICE

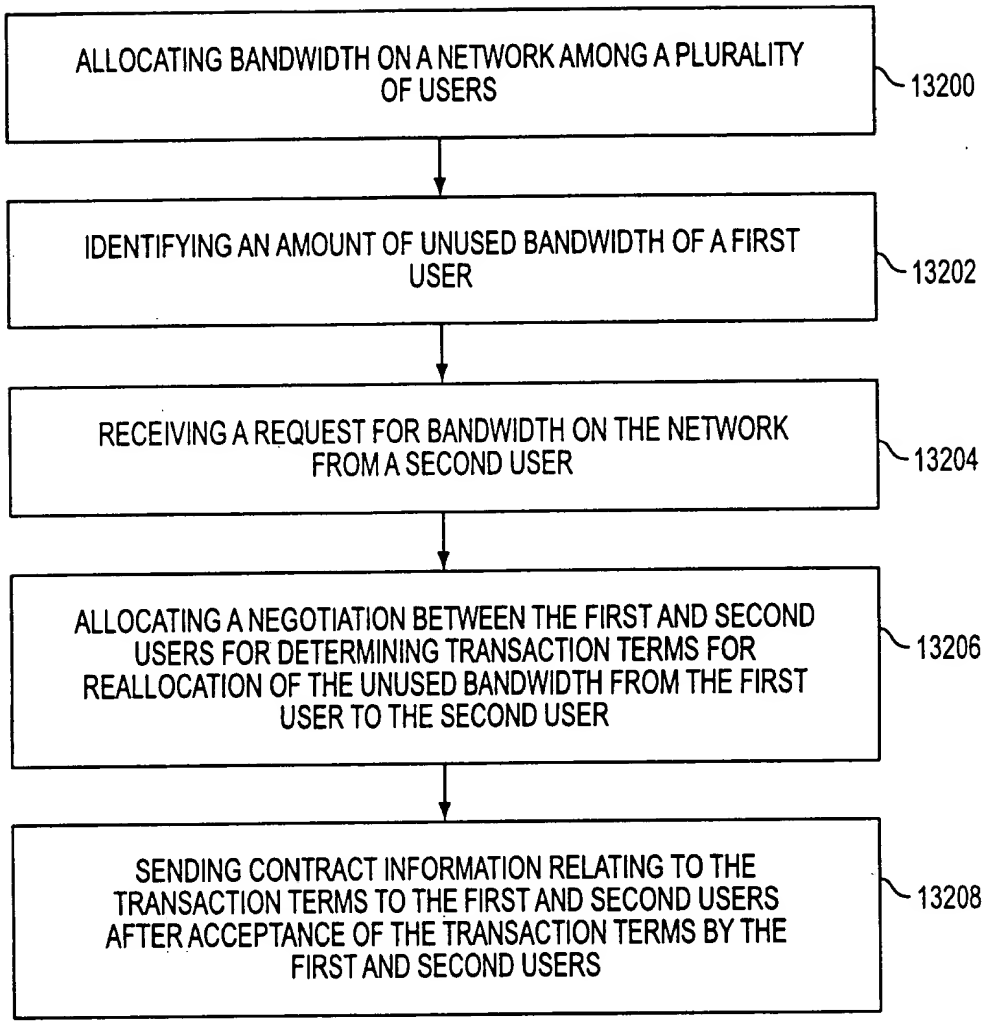

FIG. 132

PATENT & TRADEMARK OFFICE
DEC 01 2003
JC48
OIPE

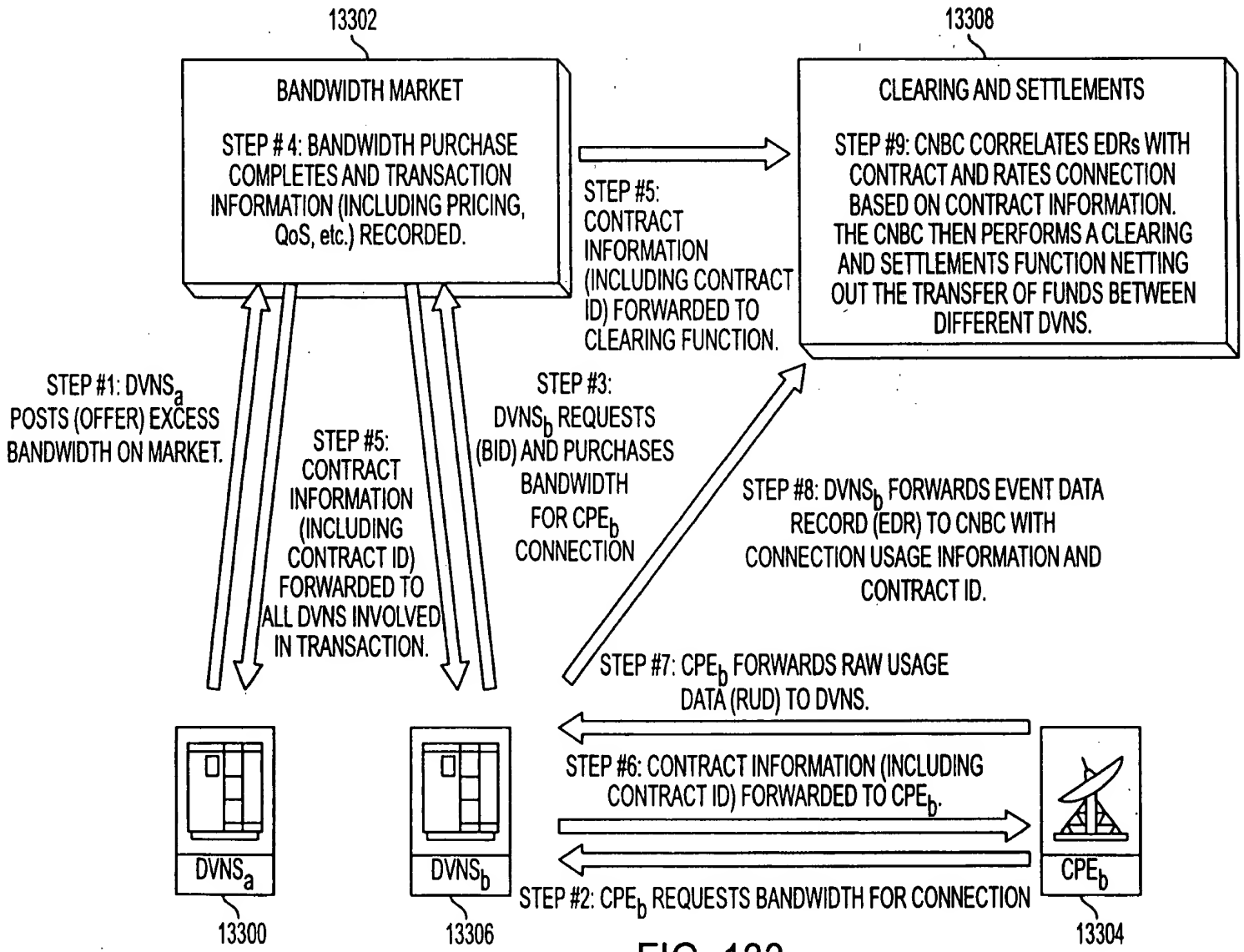

FIG. 133

OIPE JC48
DEC 0 1 2003
PATENT & TRADEMARK OFFICE

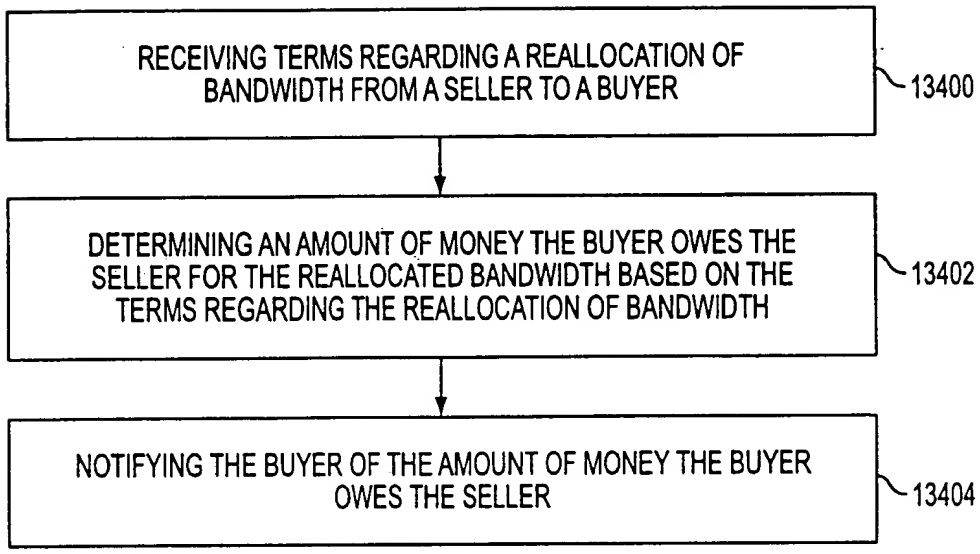

FIG. 134

DEC 0 1 2003
PATENT & TRADEMARK OFFICE

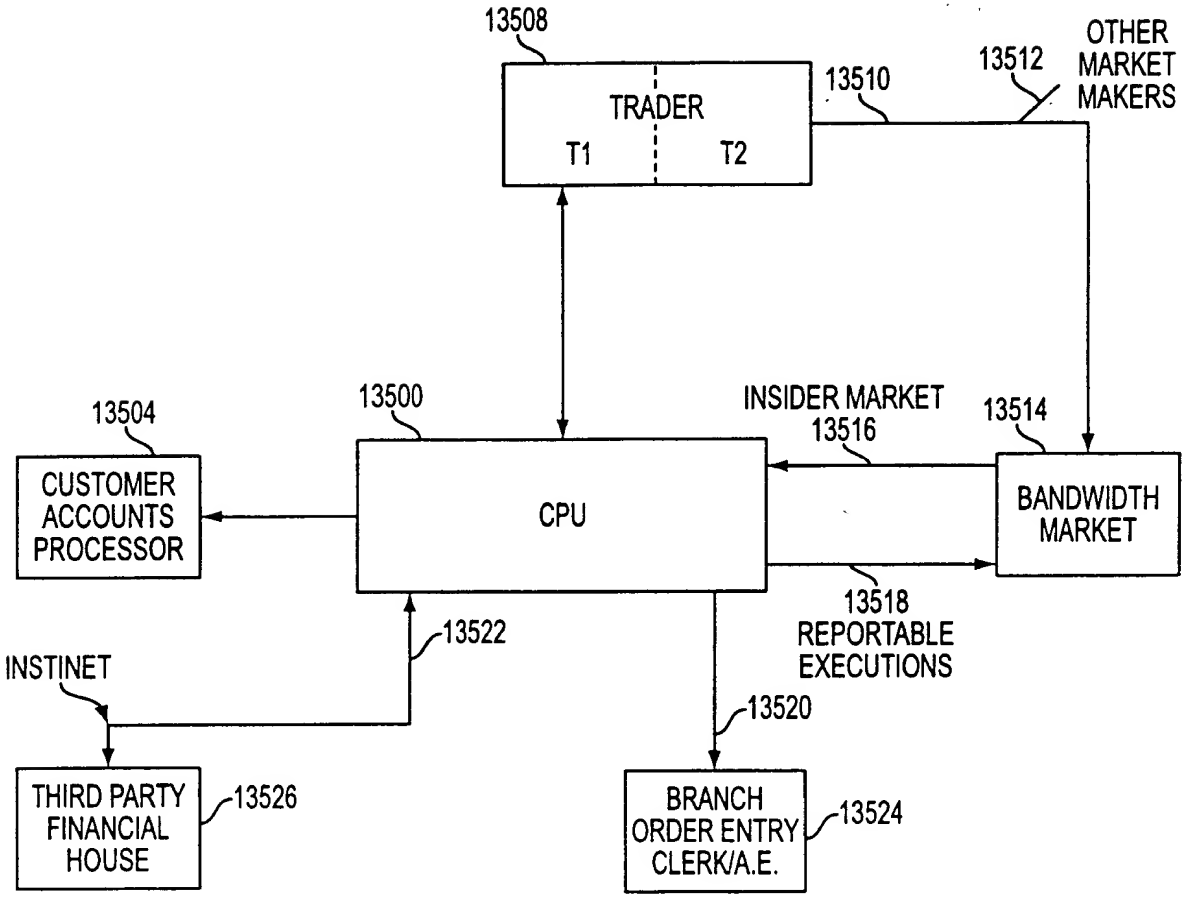

FIG. 135

DEC 0 1 2003
JC48
PATENT & TRADEMARK OFFICE

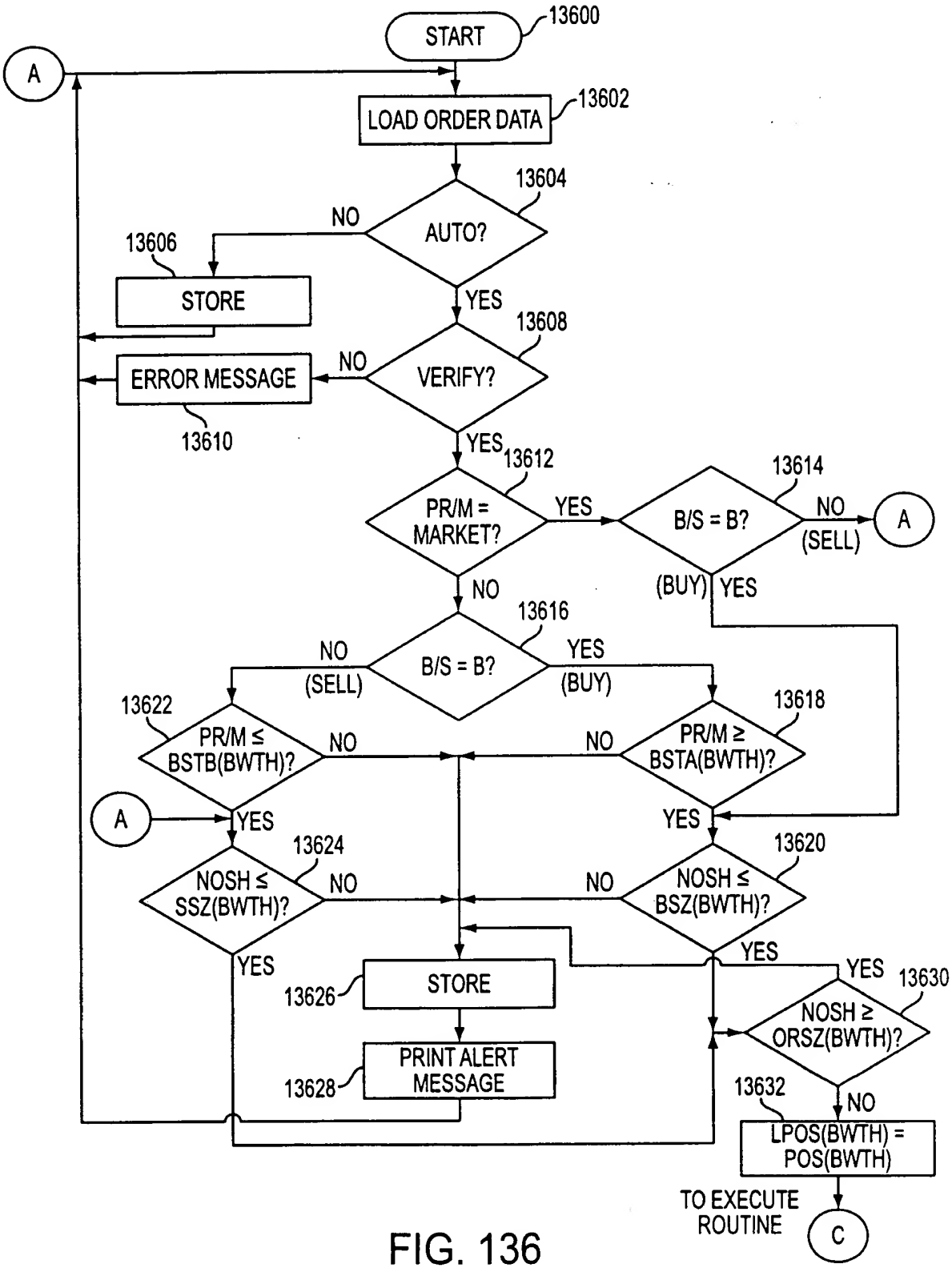

FIG. 136

OIPE
DEC 0 1 2003
PATENT & TRADEMARK OFFICE
JC48

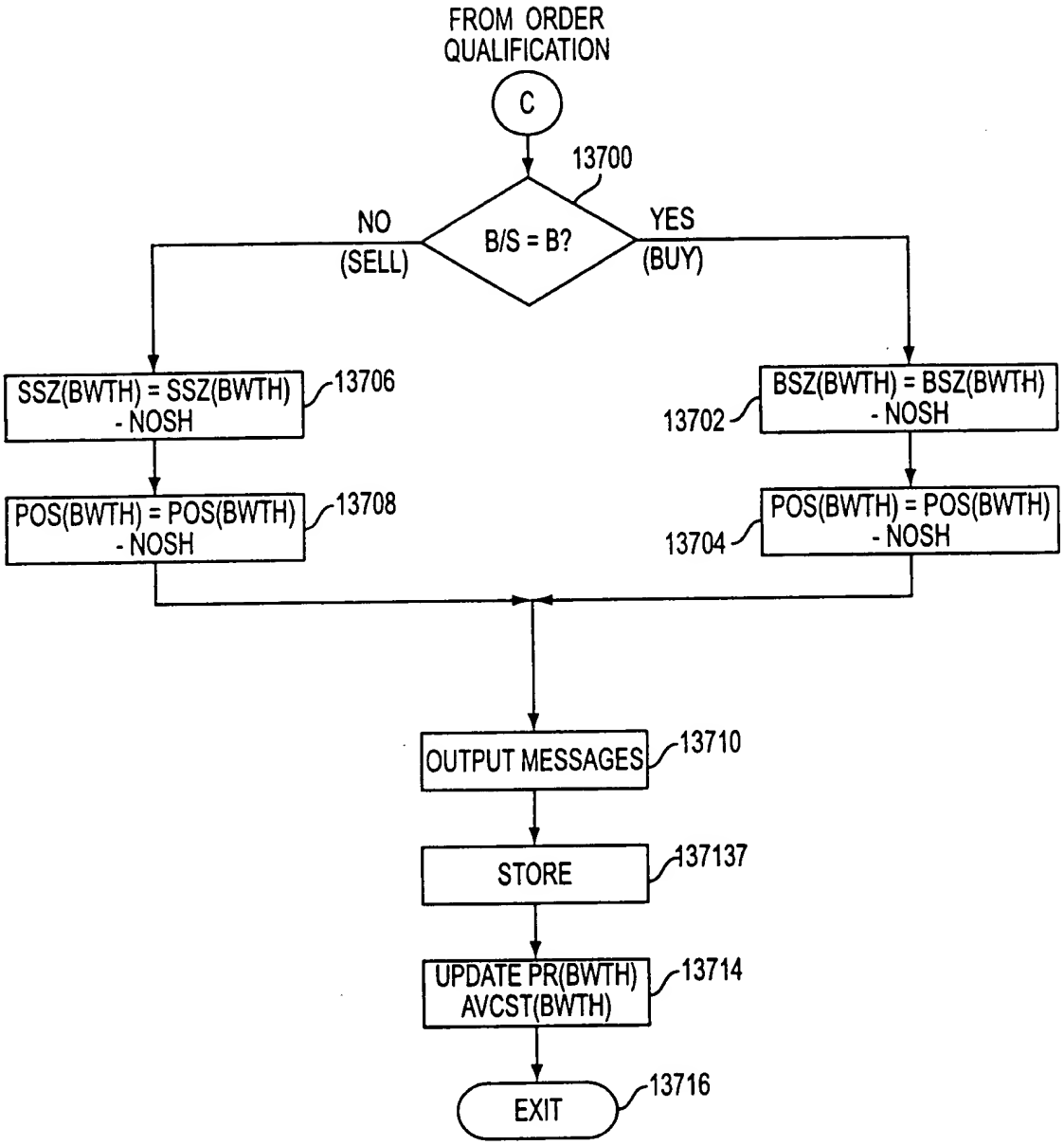

FIG. 137

OIPE
DEC 01 2003
JC48
PATENT & TRADEMARK OFFICE

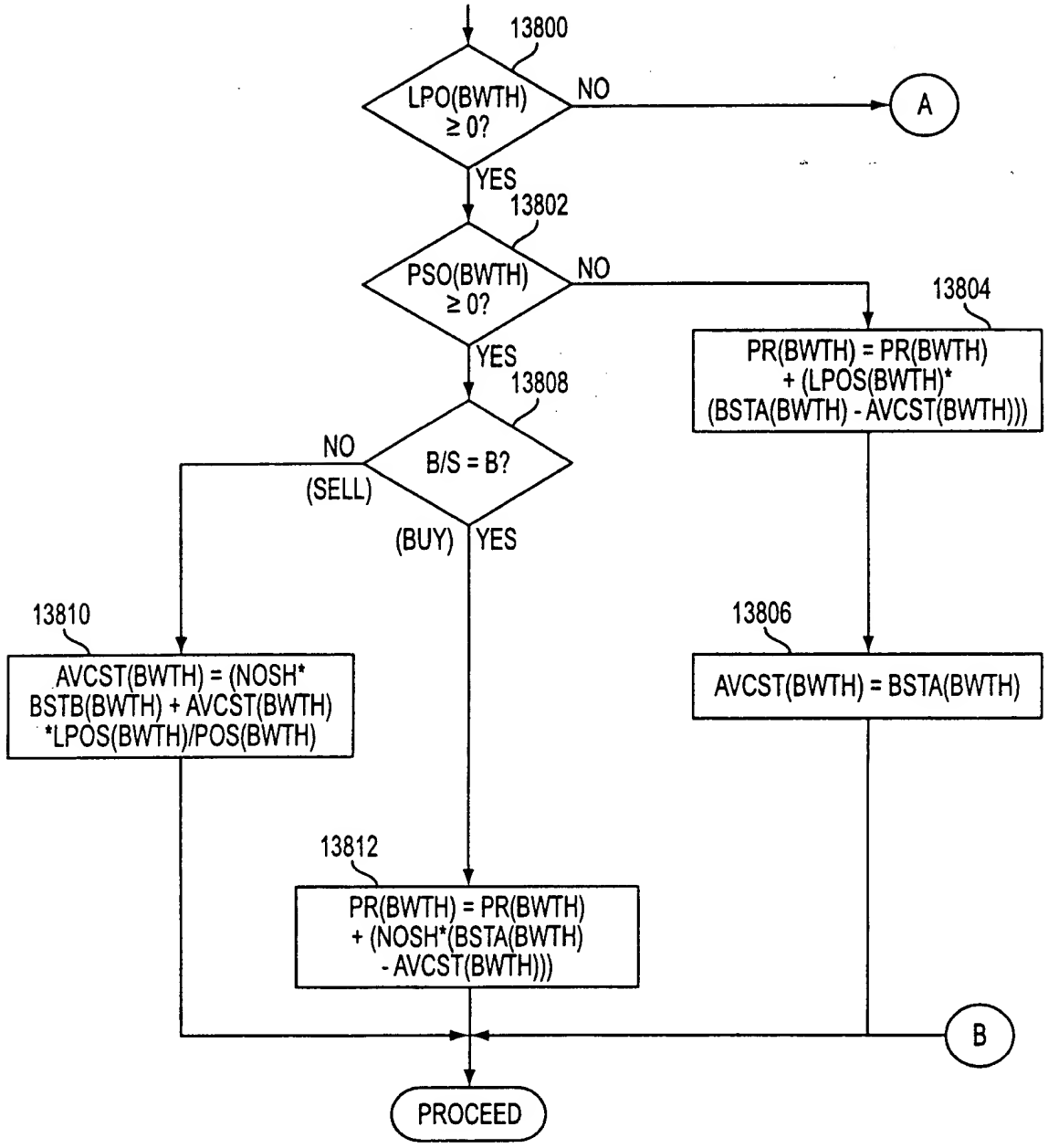

FIG. 138

OIPE
DEC 01 2003
PATENT & TRADEMARK OFFICE
JC48

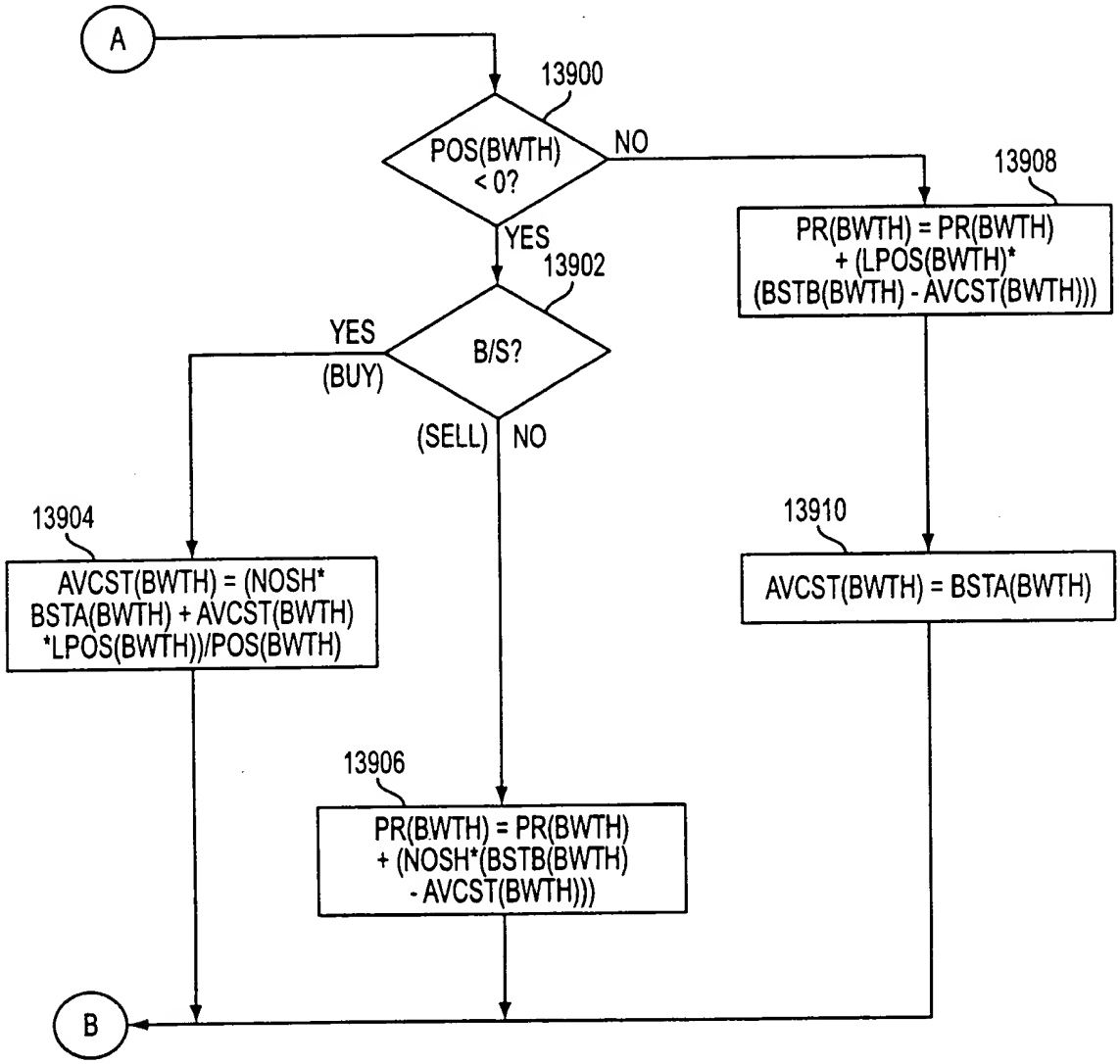

FIG. 139

OIPE
DEC 01 2003
PATENT & TRADEMARK OFFICE
JC48

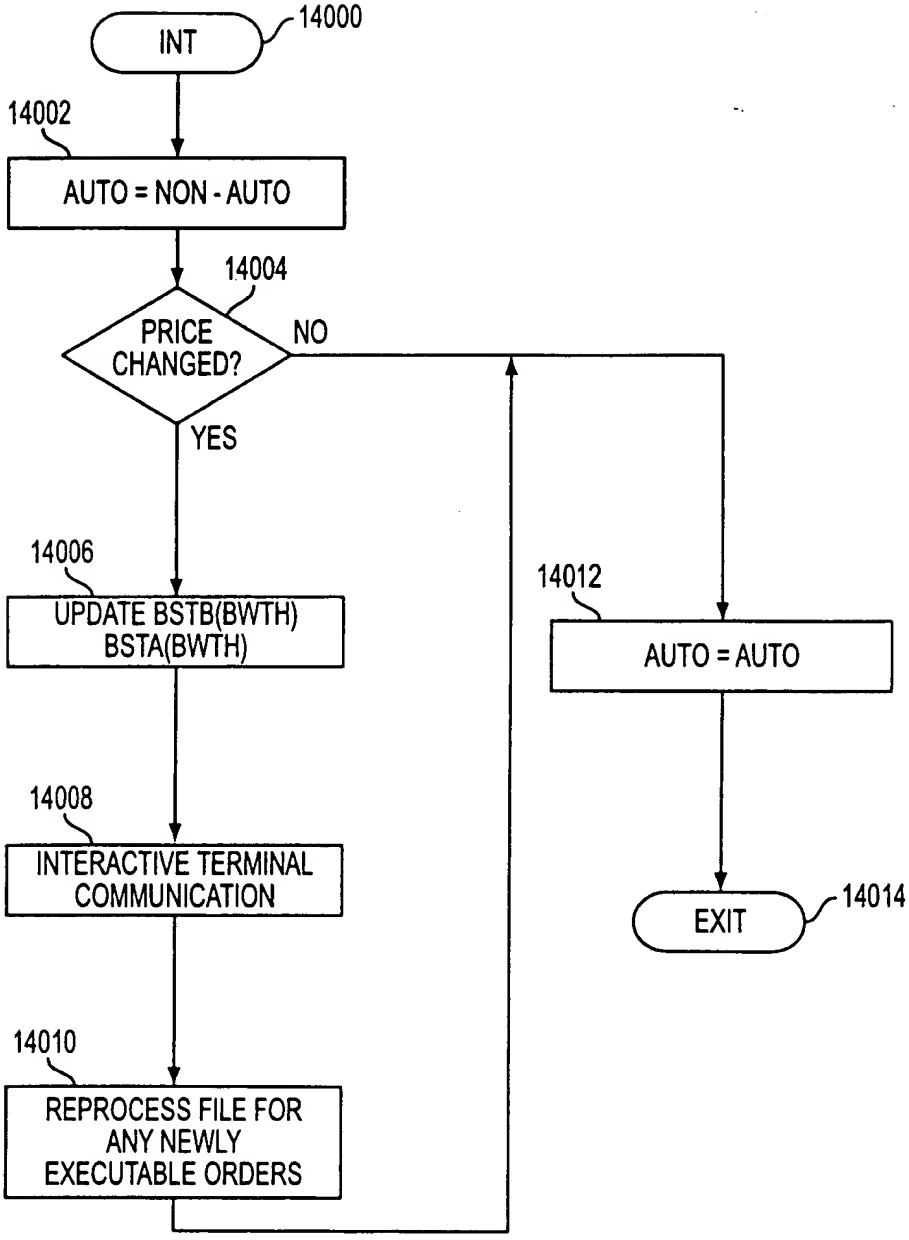

FIG. 140

PATENT & TRADEMARK OFFICE
DEC 01 2003
OIPE
JC48

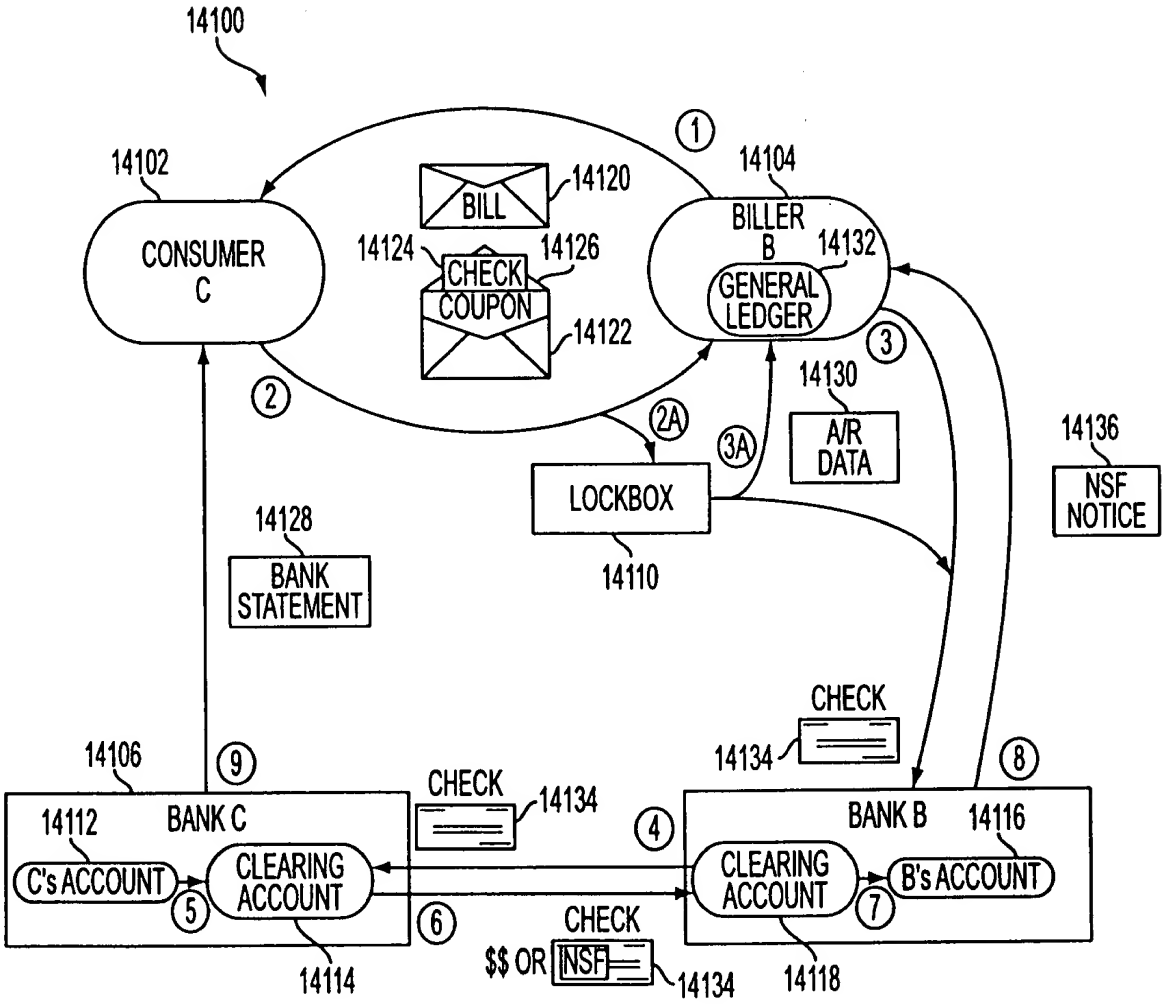

FIG. 141

PATENT & TRADEMARK OFFICE
DEC 0 1 2003
JC48
O I P E

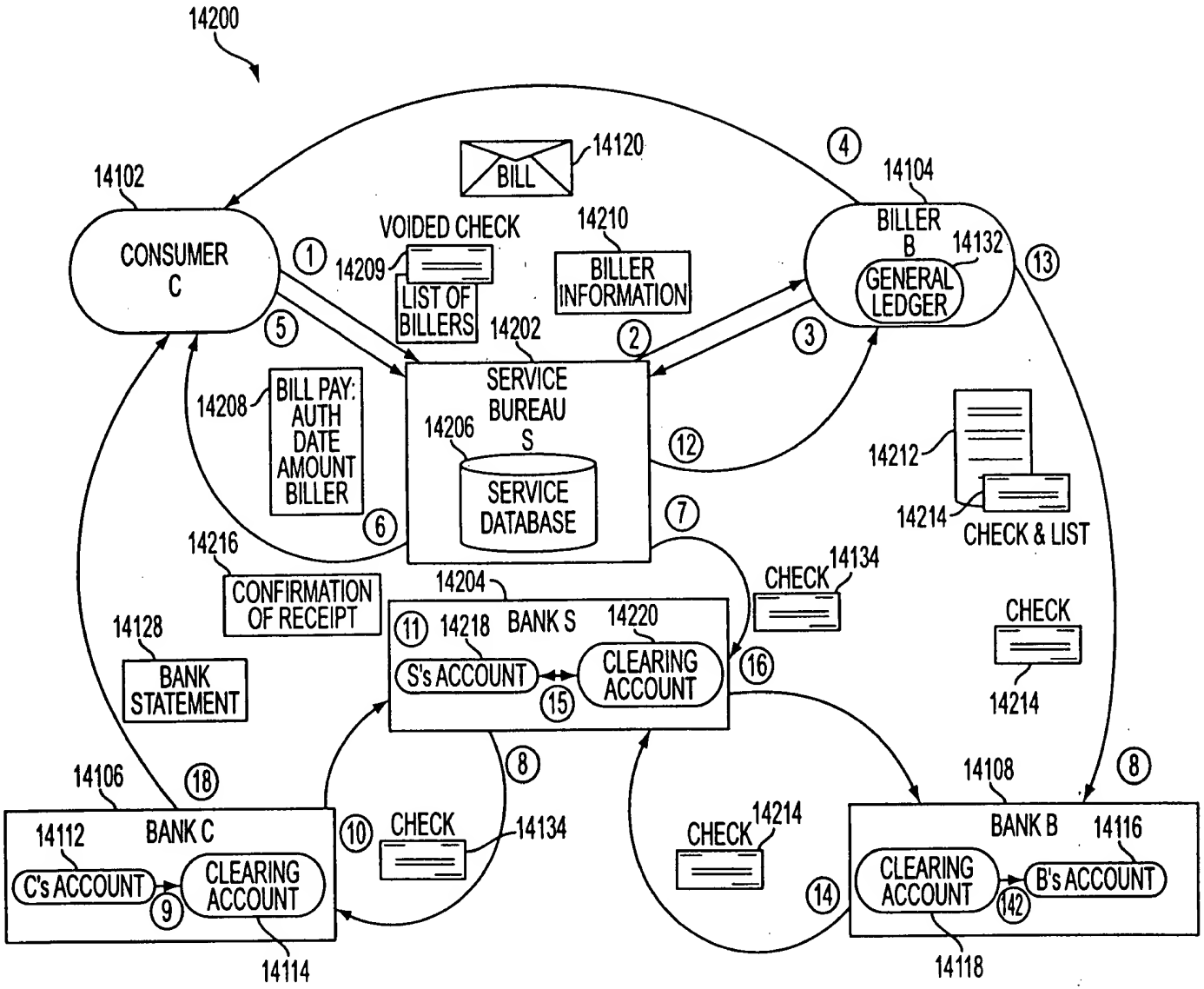

FIG. 142

PATENT & TRADEMARK OFFICE
DEC 01 2003
JC48

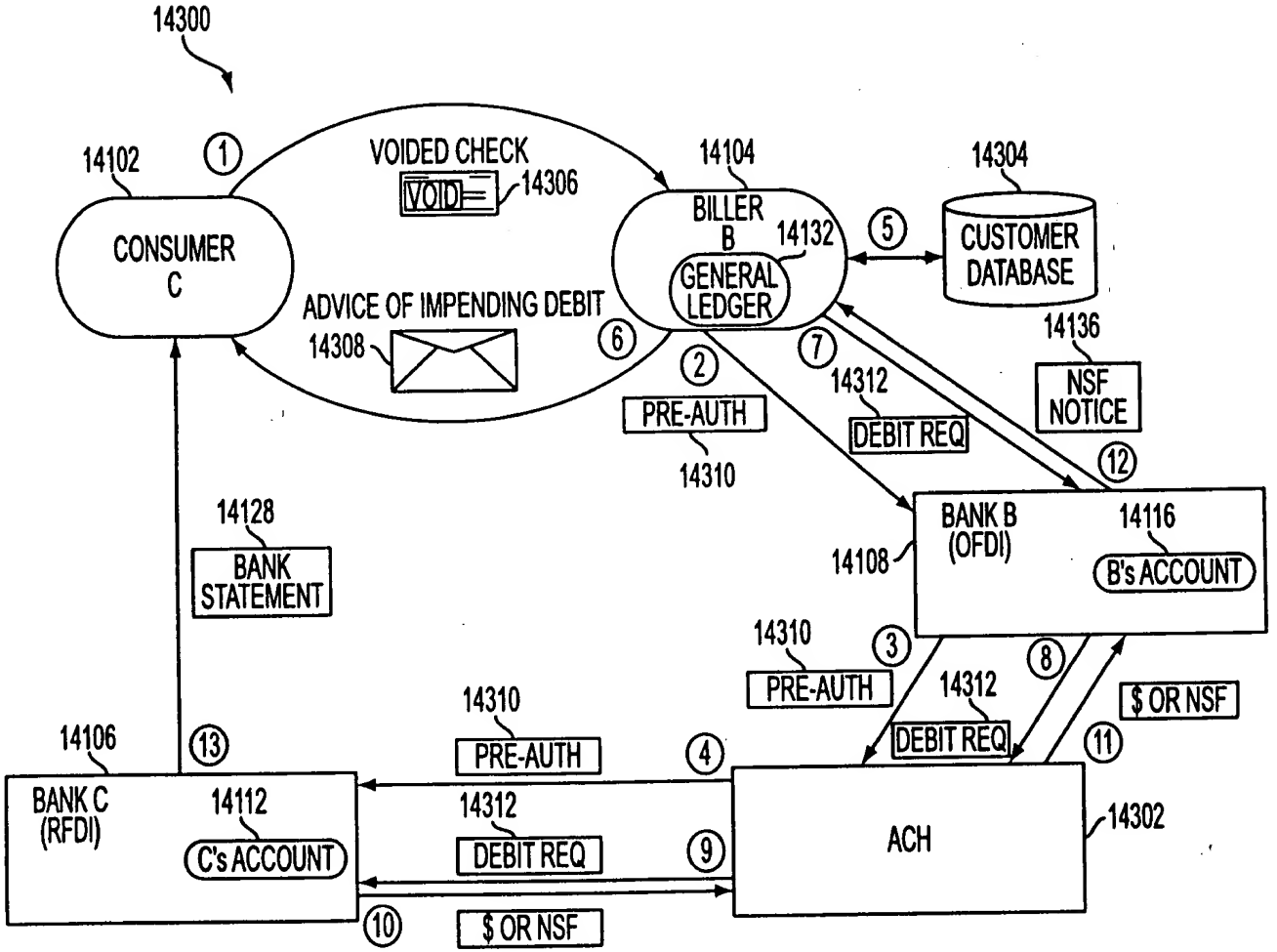

FIG. 143